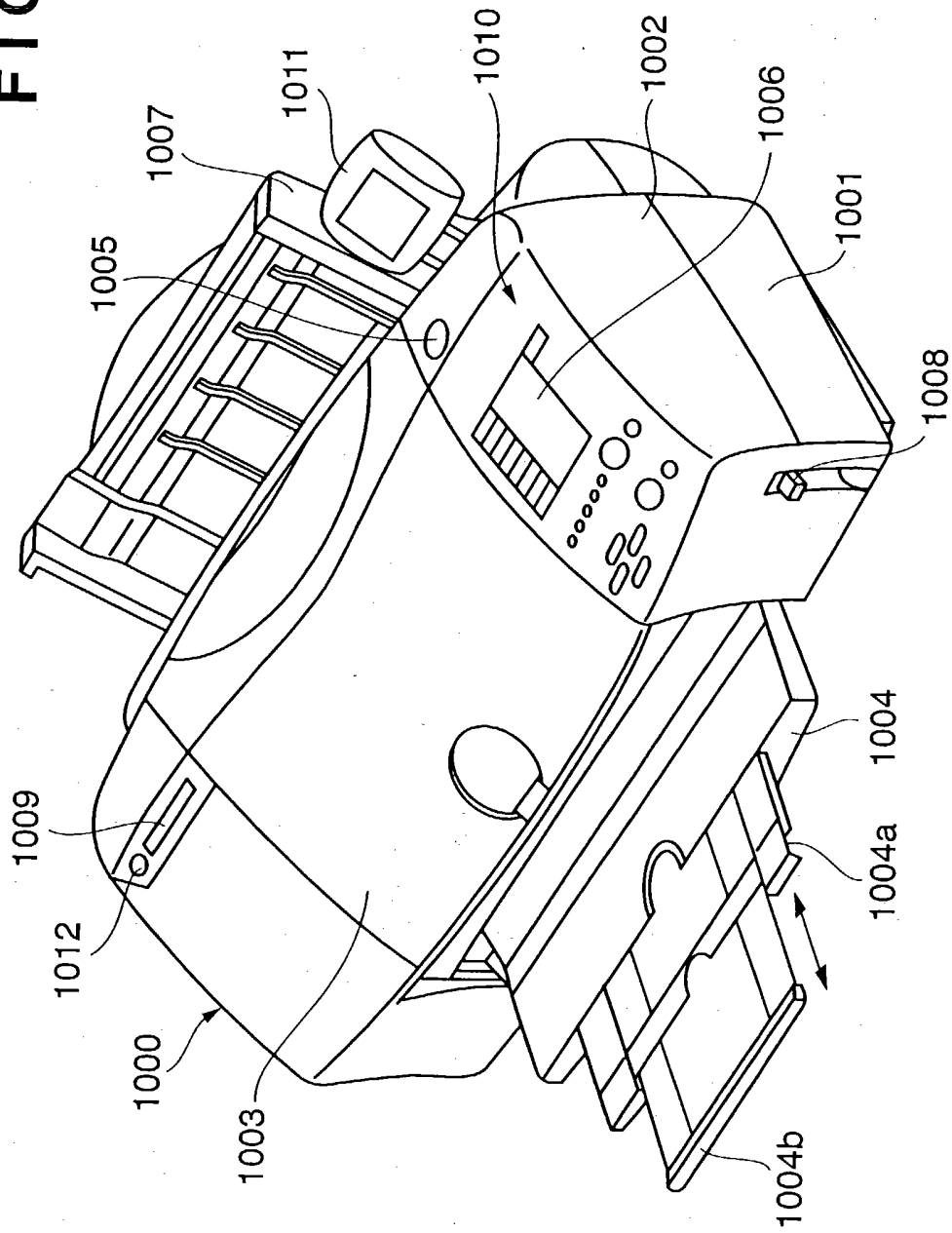


FIG. 1



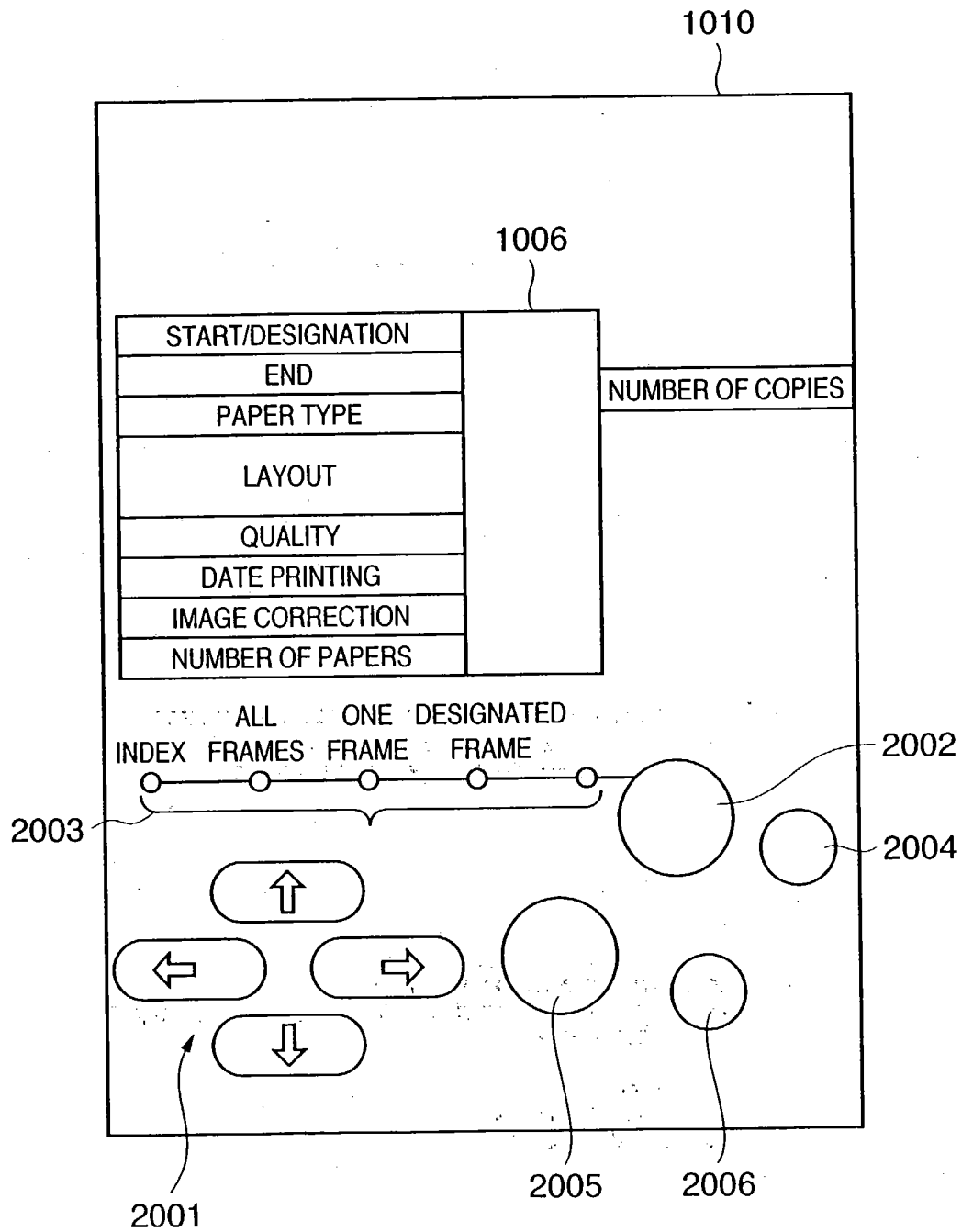
**FIG. 2**

FIG. 3

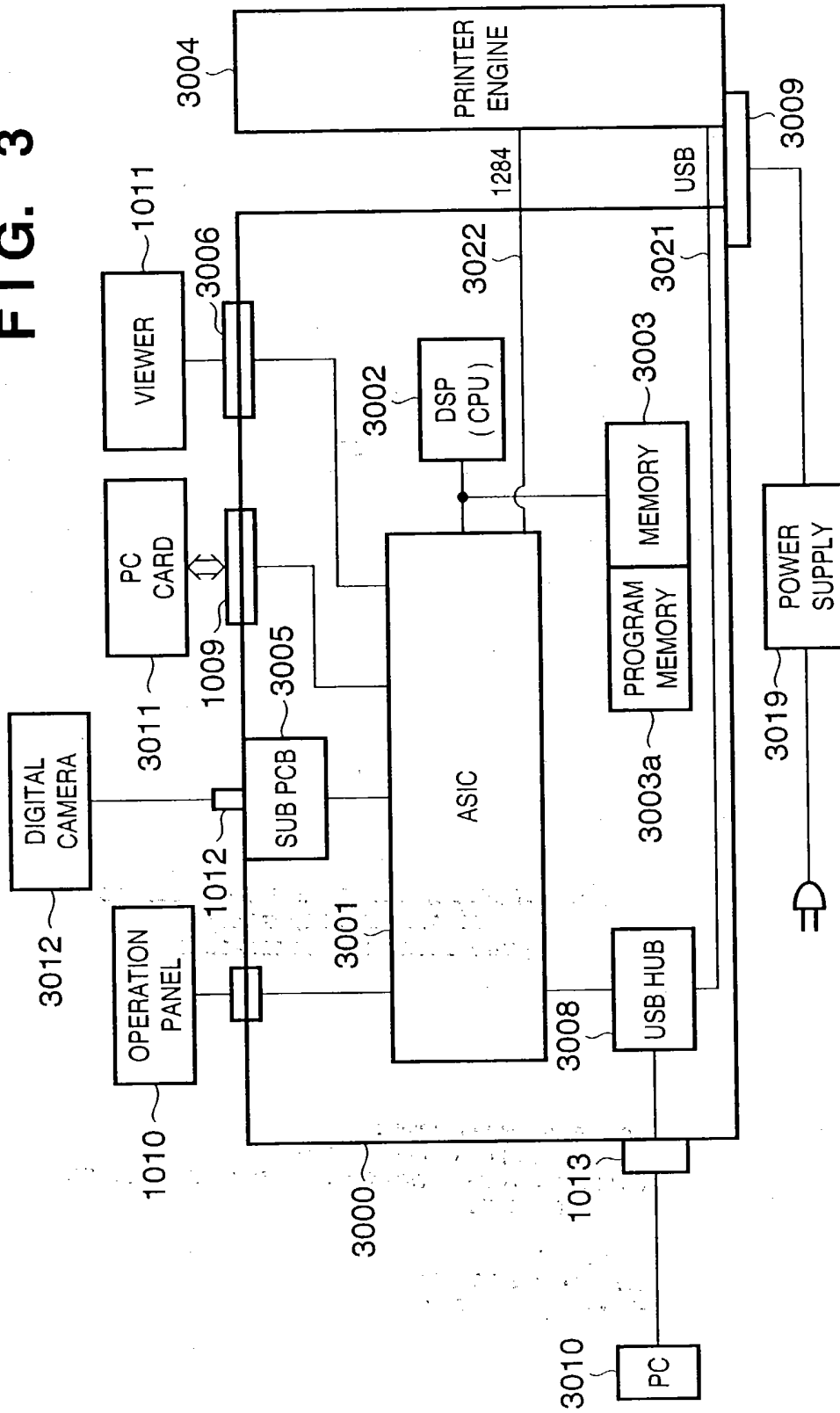


FIG. 4

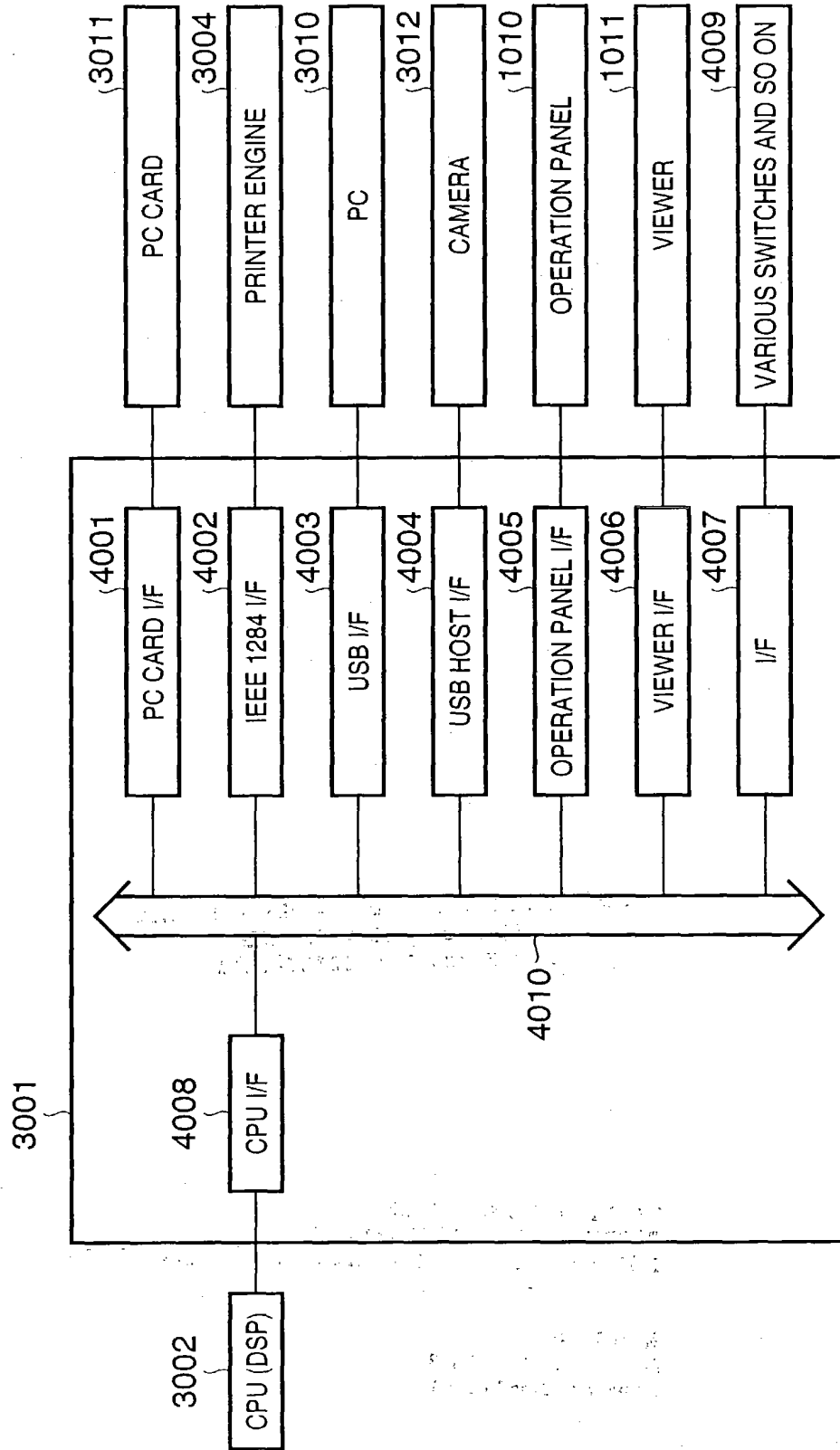


FIG. 5

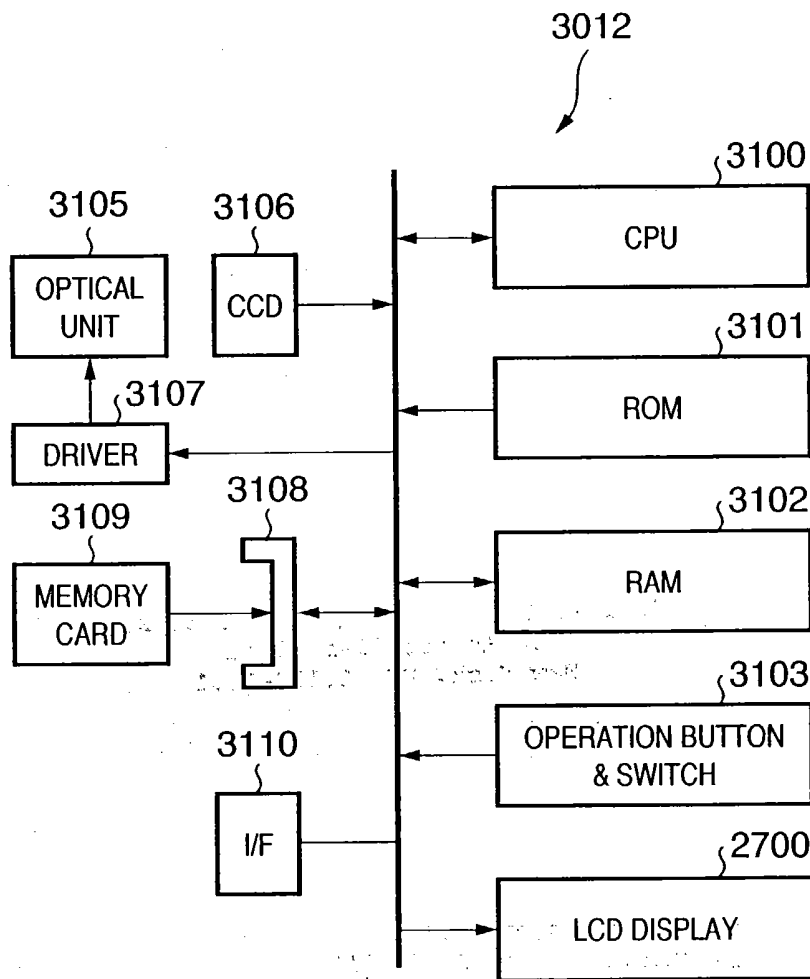
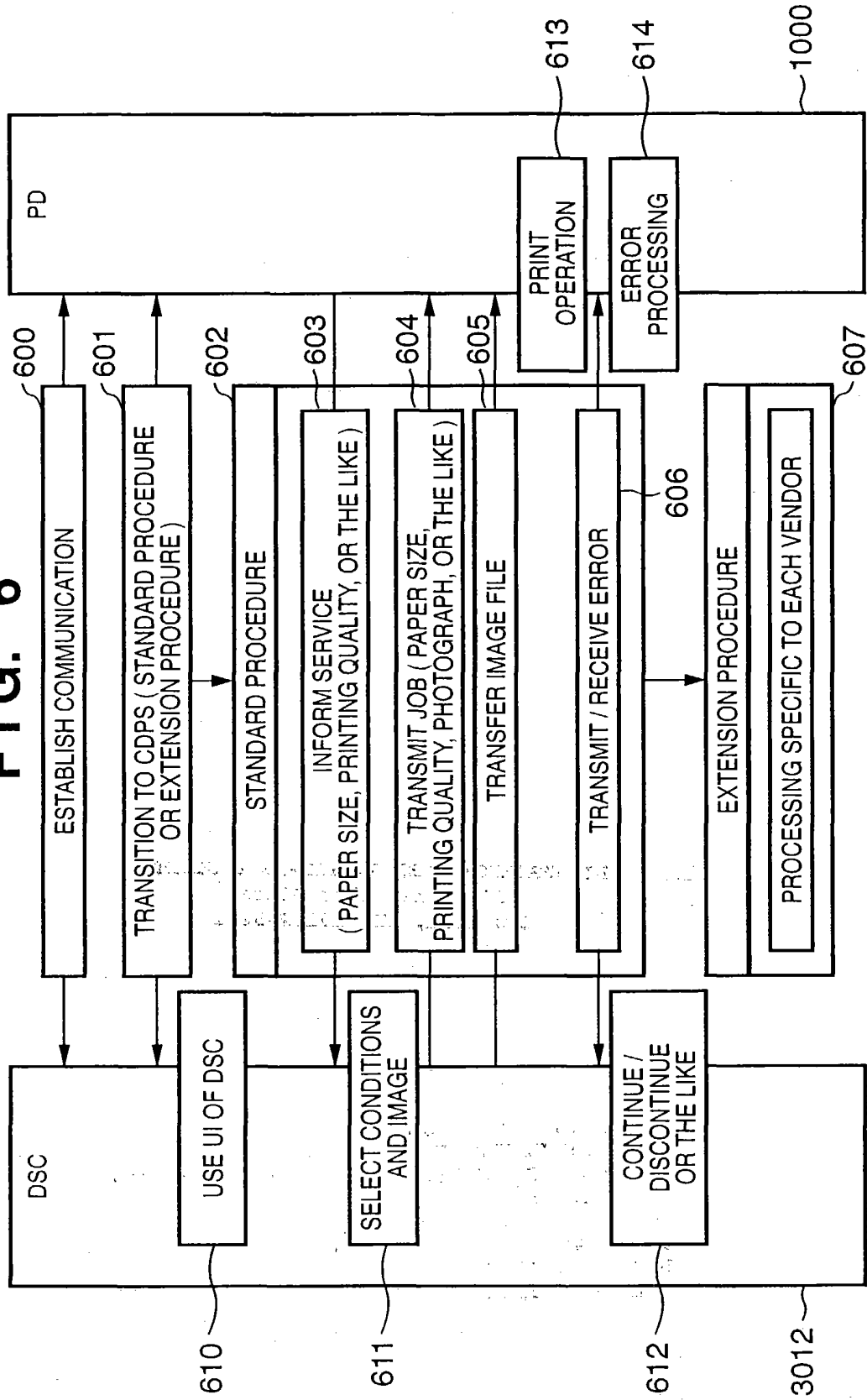


FIG. 6



# FIG. 7

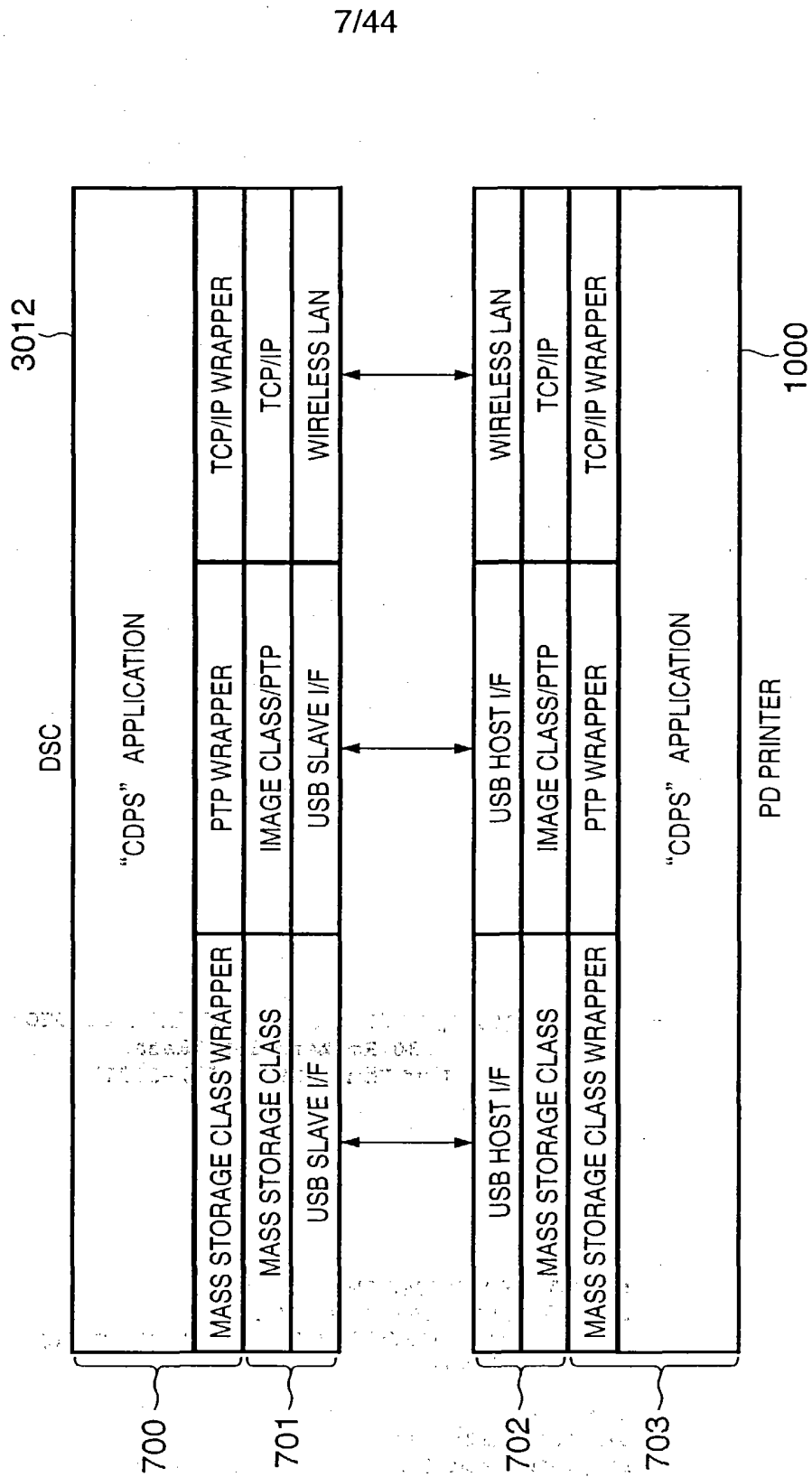
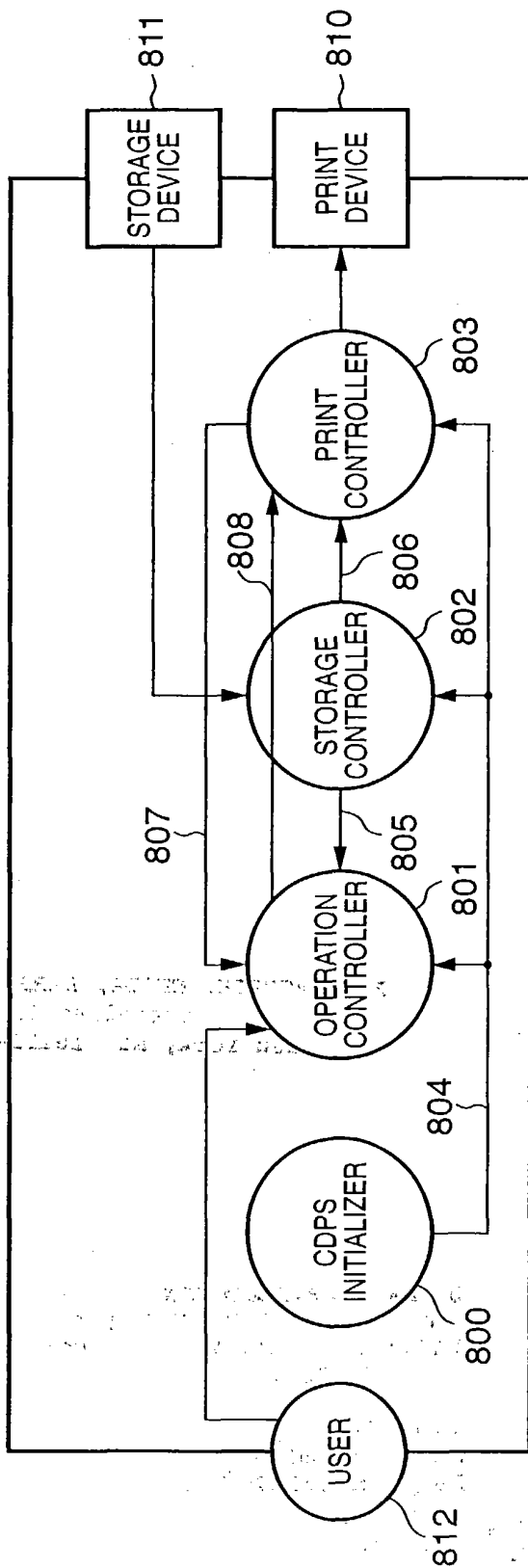


FIG. 8





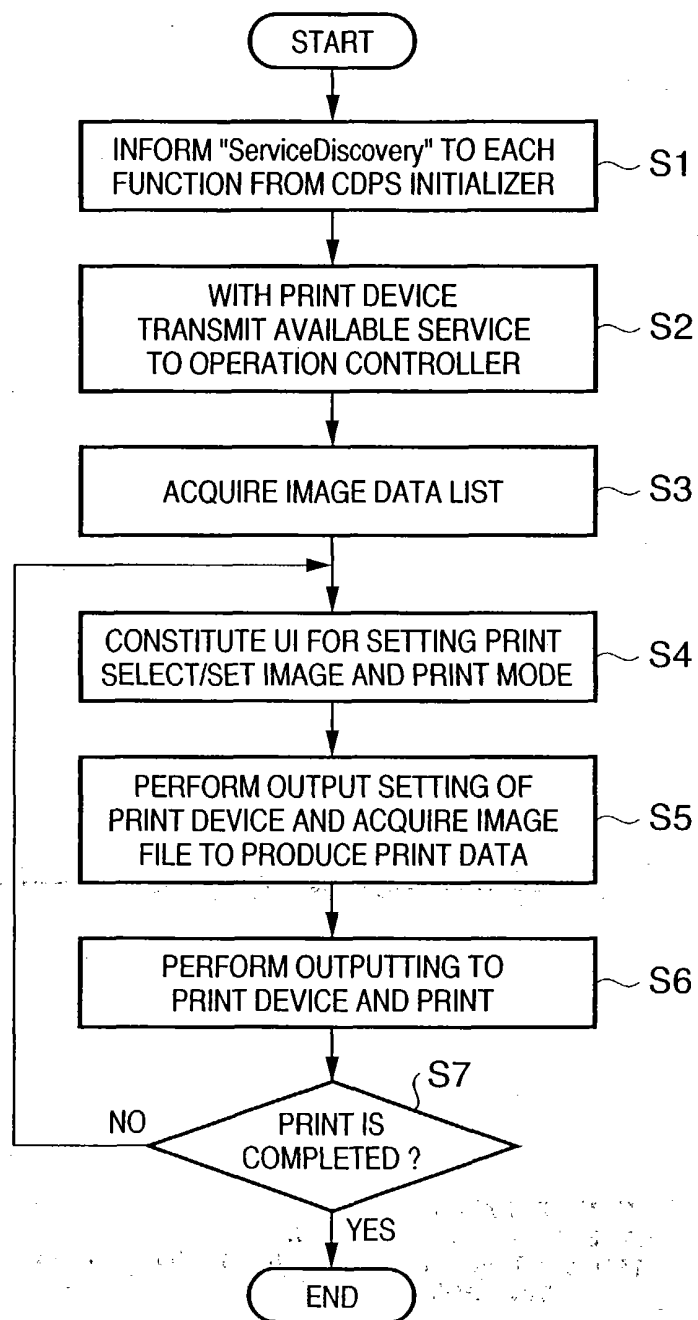
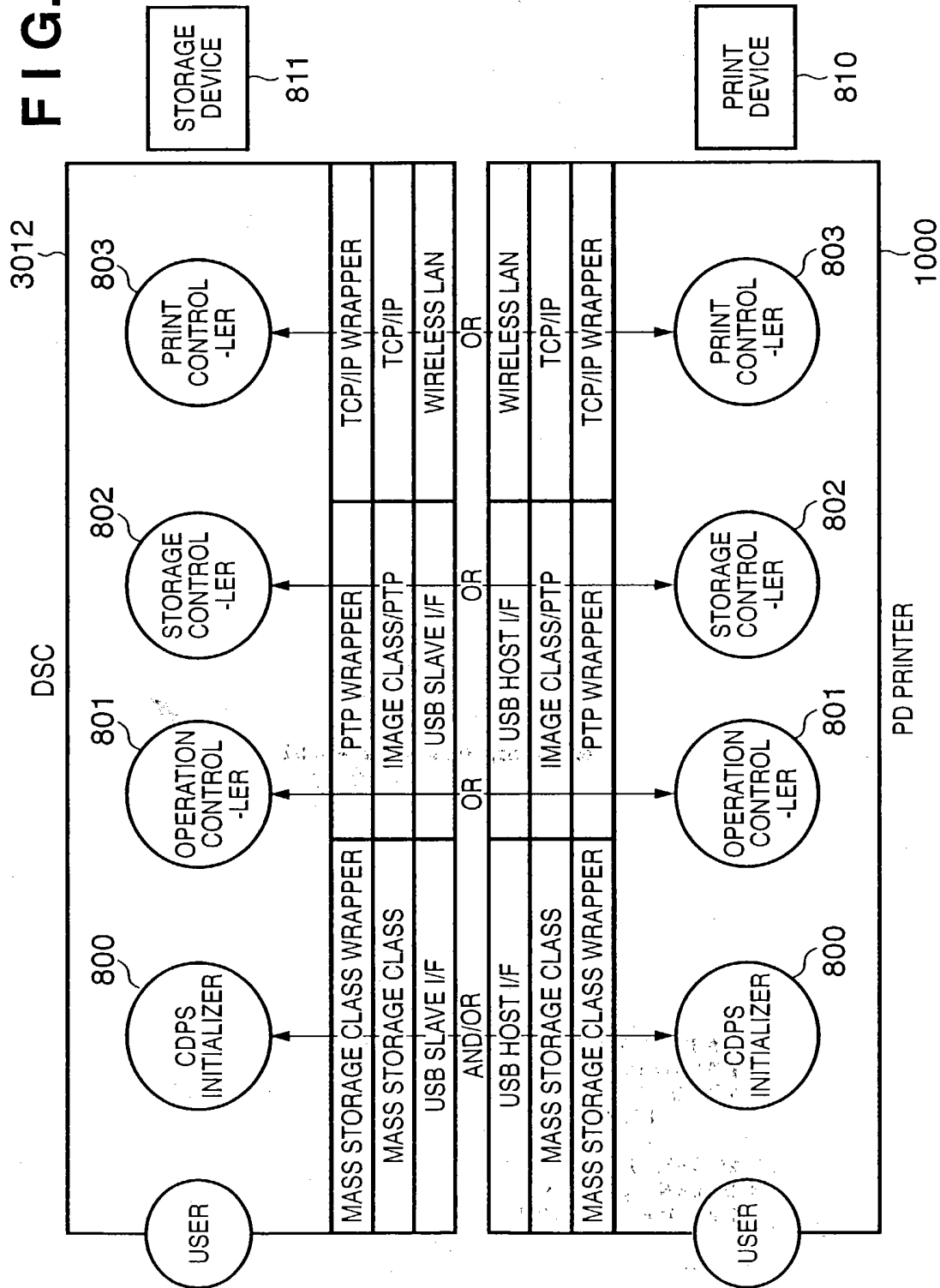
**FIG. 9**

FIG. 10



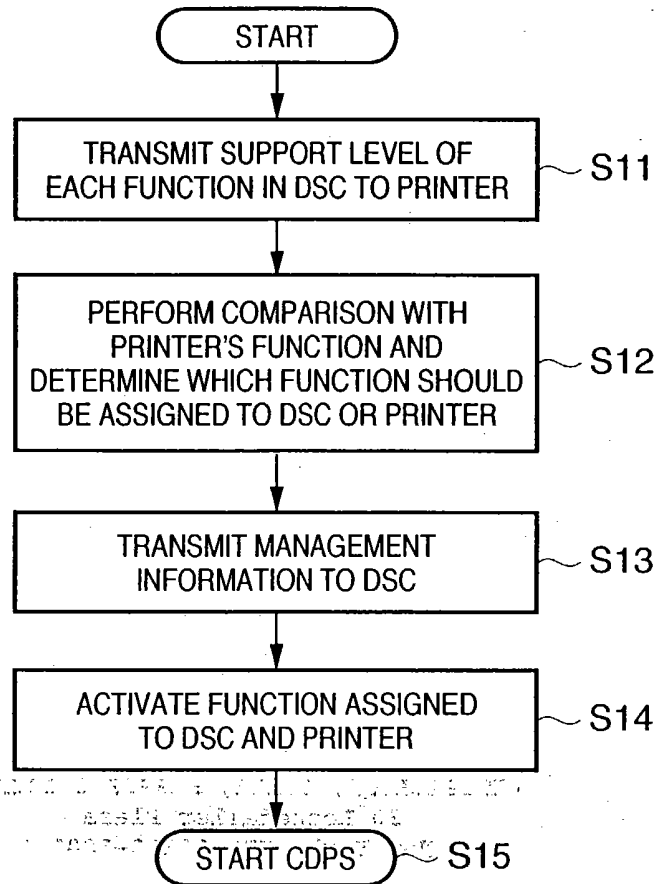
**FIG. 11**

FIG. 12

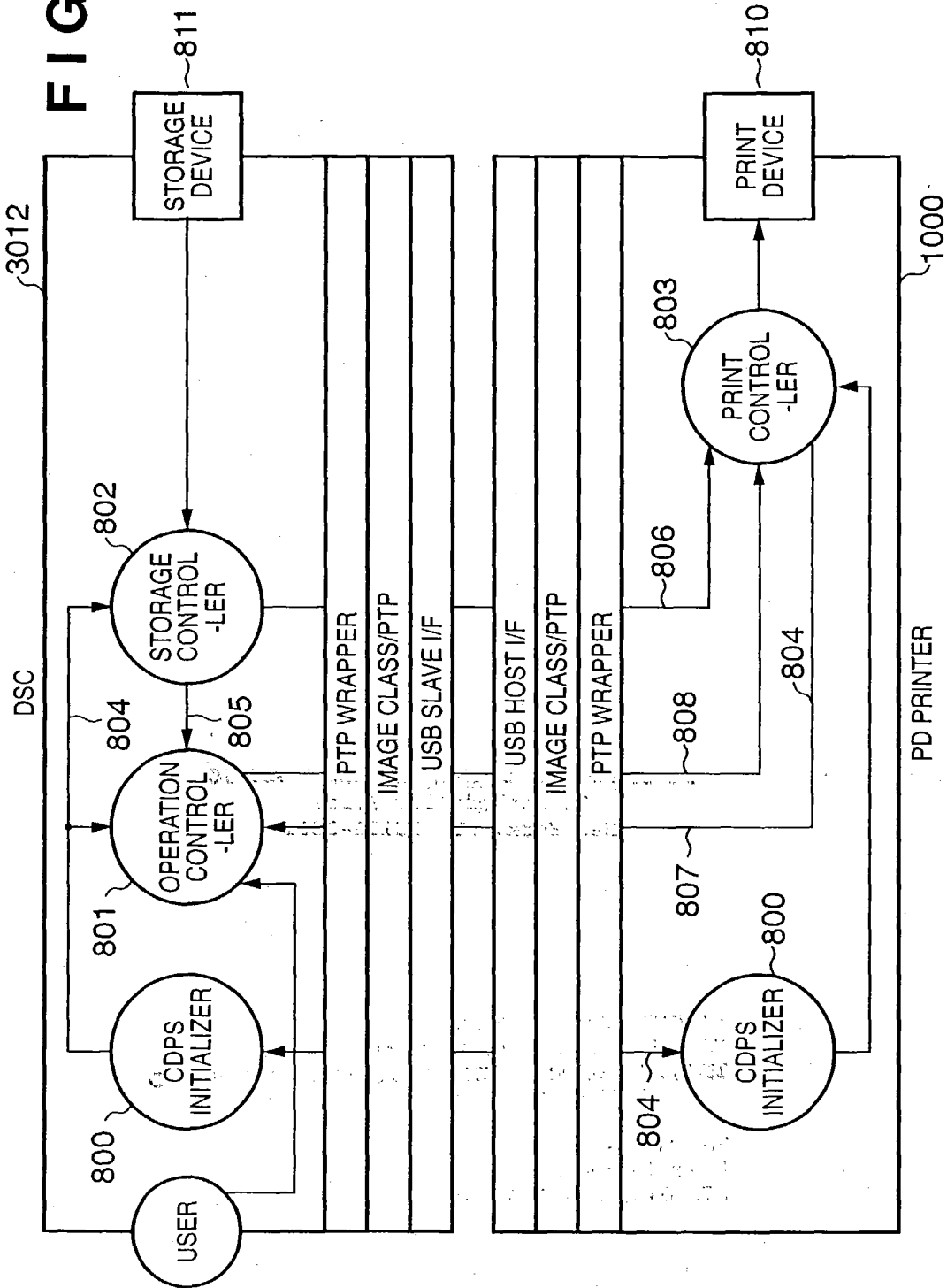


FIG. 13

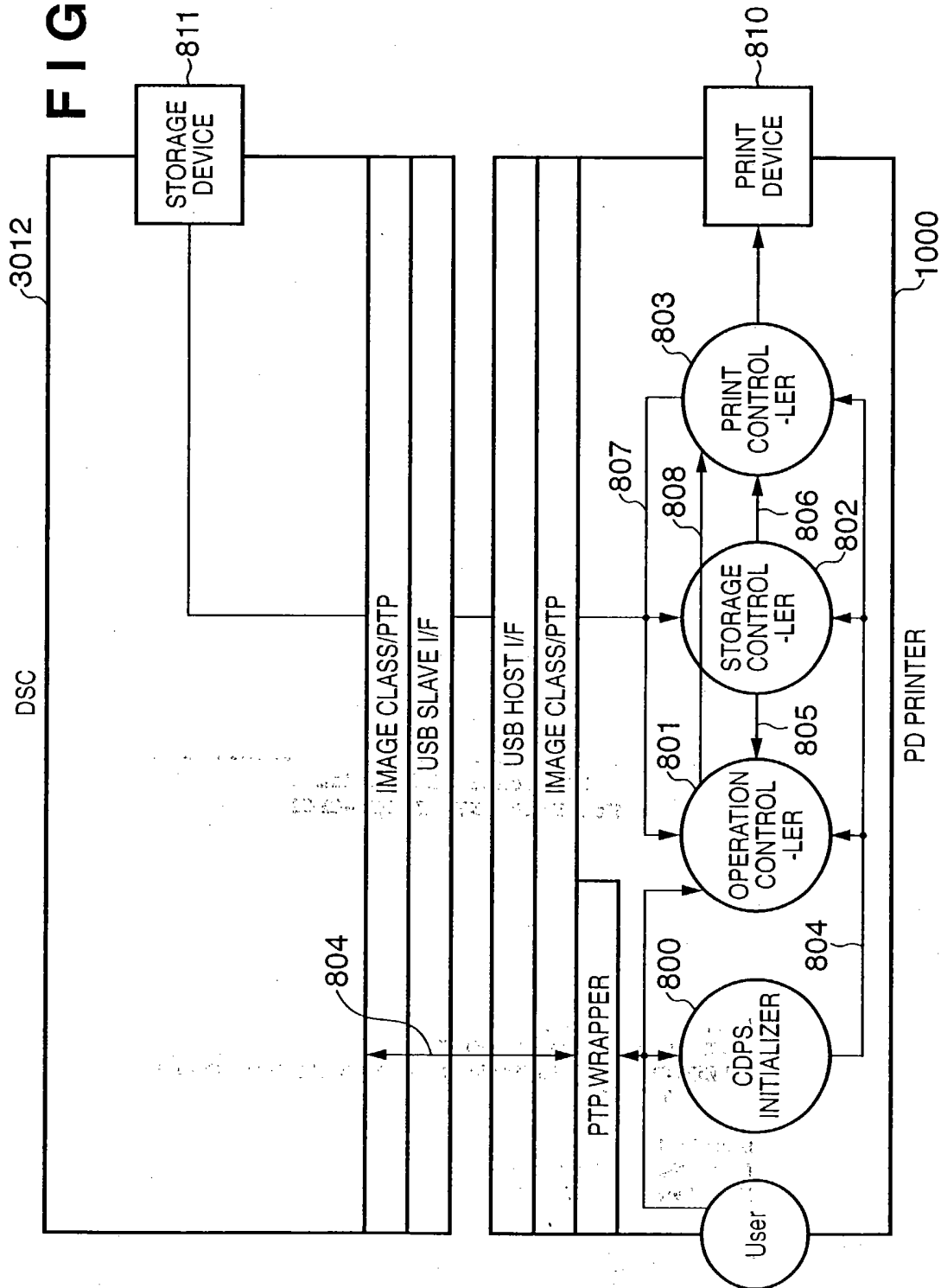
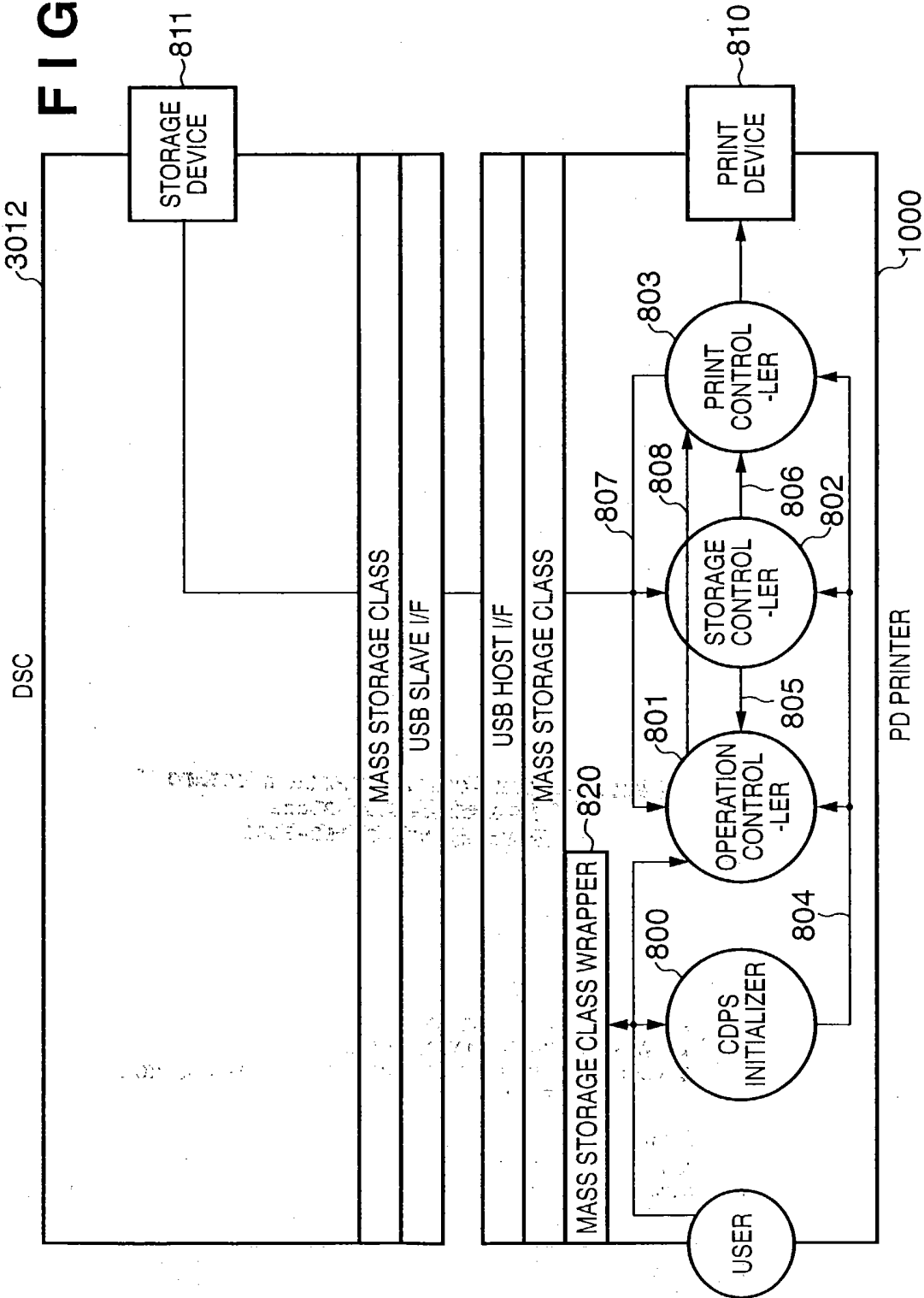


FIG. 14



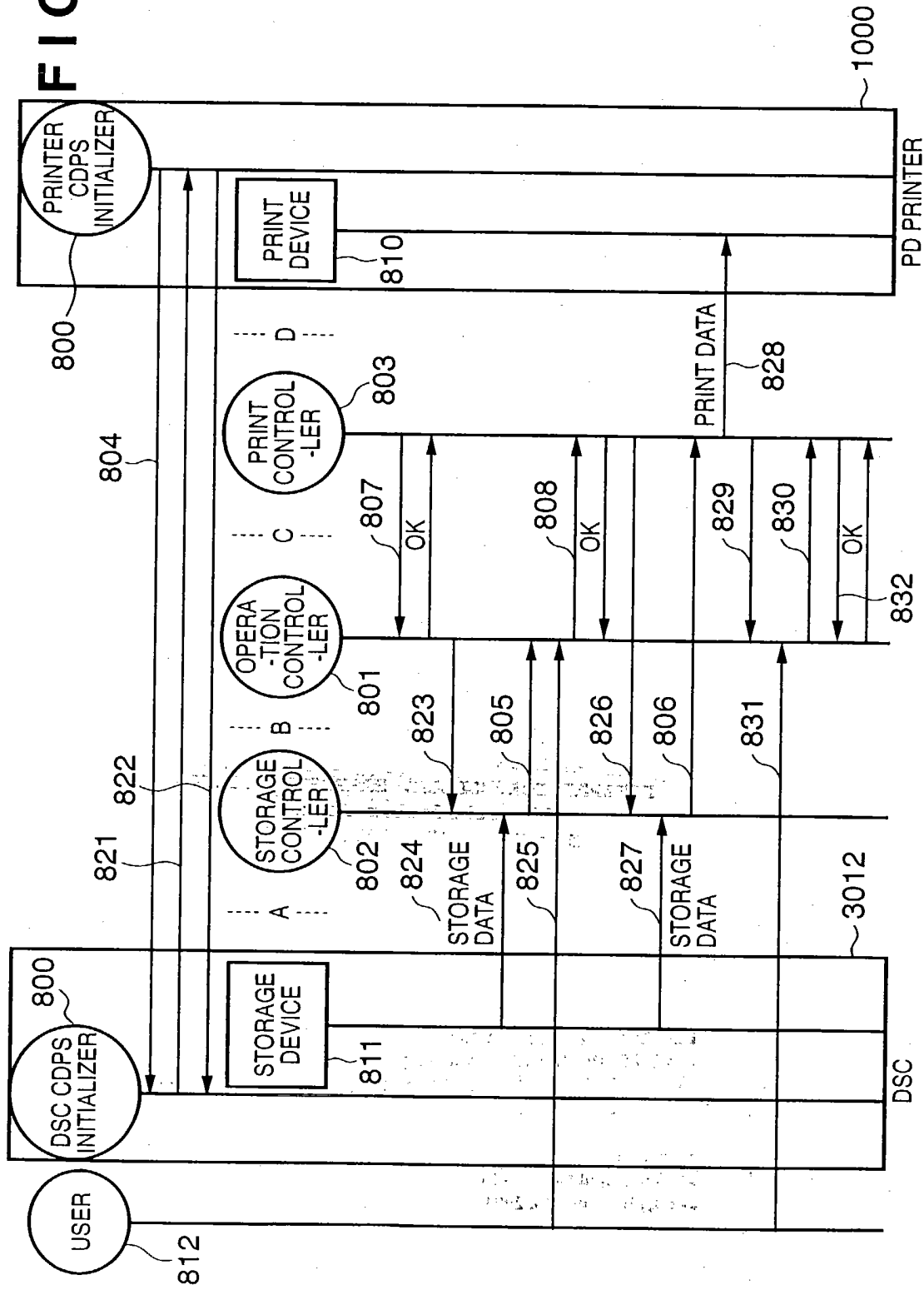
**FIG. 15A**

ESSENTIAL FUNCTIONS			
ISSUE		FUNCTION NAME	FUNCTION
ORIGIN	DESTINATION		
INITIALIZE	INITIALIZE	CDPS_ServiceDiscovery	TRANSITION TO CDPS
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_Service	NOTIFICATION OF PRINTER'S FUNCTIONS
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_PageStart	NOTIFICATION OF PRINT START ( EVERY TIME ONE PAGE IS FED )
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_PageEnd	NOTIFICATION OF PRINT END ( EVERY TIME ONPAGE IS DISCHARGED )
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_JobEnd	NOTIFICATION OF THE COMPLETION OF A PRINT JOB
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_Error	NOTIFICATION OF ERROR ( WARNING/FATAL )
PRINT CONTROLLER	STORAGE	CDPS_JobData	ACQUIRE AN IMAGE OF JPEG OR THE LIKE FROM STORAGE
OPERATION CONTROLLER	STORAGE	CDPS_DataList	ACQUIRE AN INFORMATION LIST OF JPEG OR THE LIKE FROM STORAGE
OPERATION CONTROLLER	PRINT CONTROLLER	CDPS_Job	PRINT COMMAND
OPERATION CONTROLLER	PRINT CONTROLLER	CDPS_JobAbort	PRINT STOP COMMAND
OPERATION CONTROLLER	PRINT CONTROLLER	CDPS_JobContinue	PRINT RESUME COMMAND

**FIG. 15B**

OPTIONAL FUNCTION		
ISSUE		FUNCTION
ORIGIN	DESTINATION	
PRINT CONTROLLER	STORAGE	CDPS_PartialJobData
		ACQUIRE A PART OF AN IMAGE OF JPEG OR THE LIKE FROM STORAGE

FIG. 16





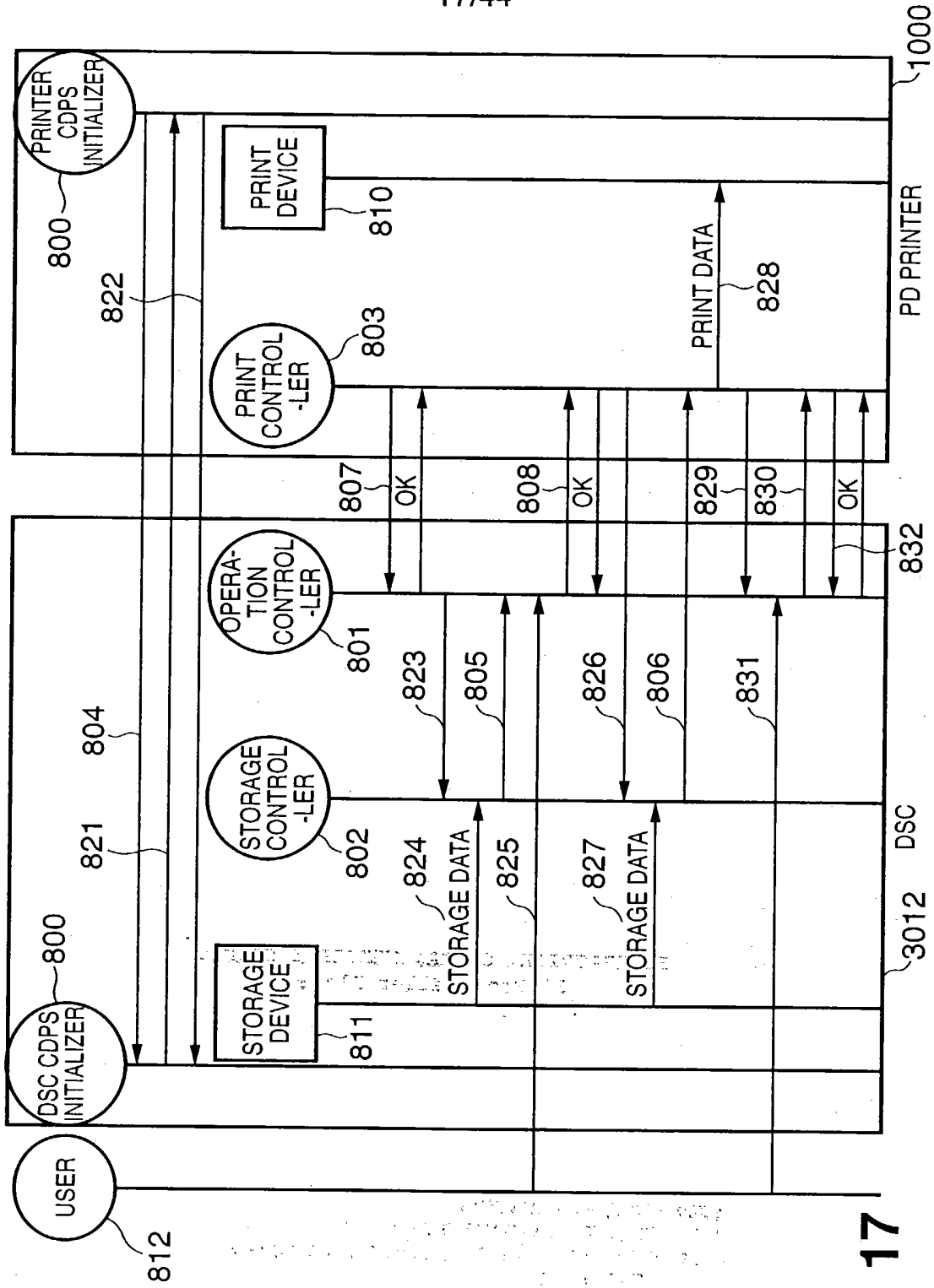


FIG. 17

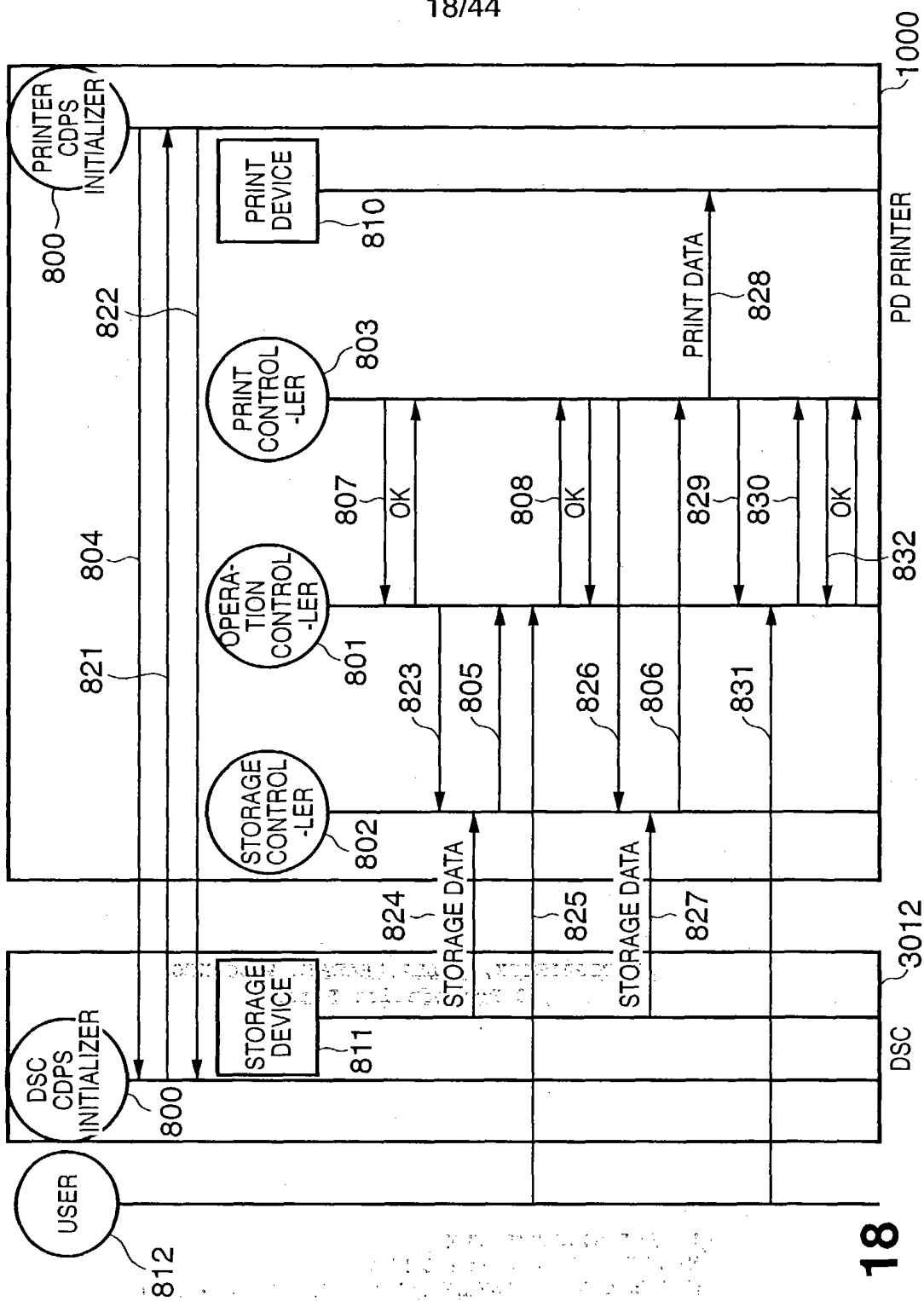
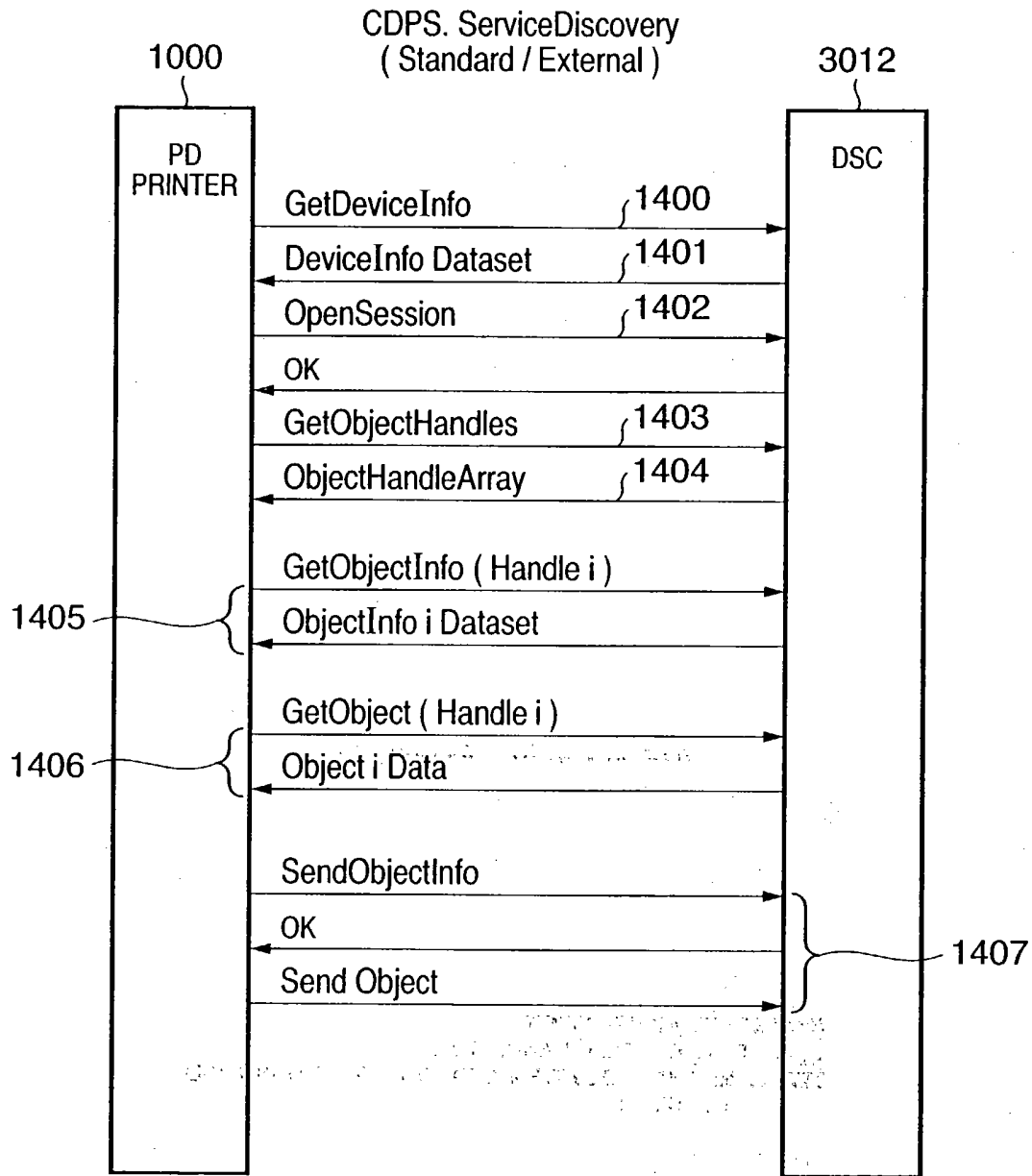
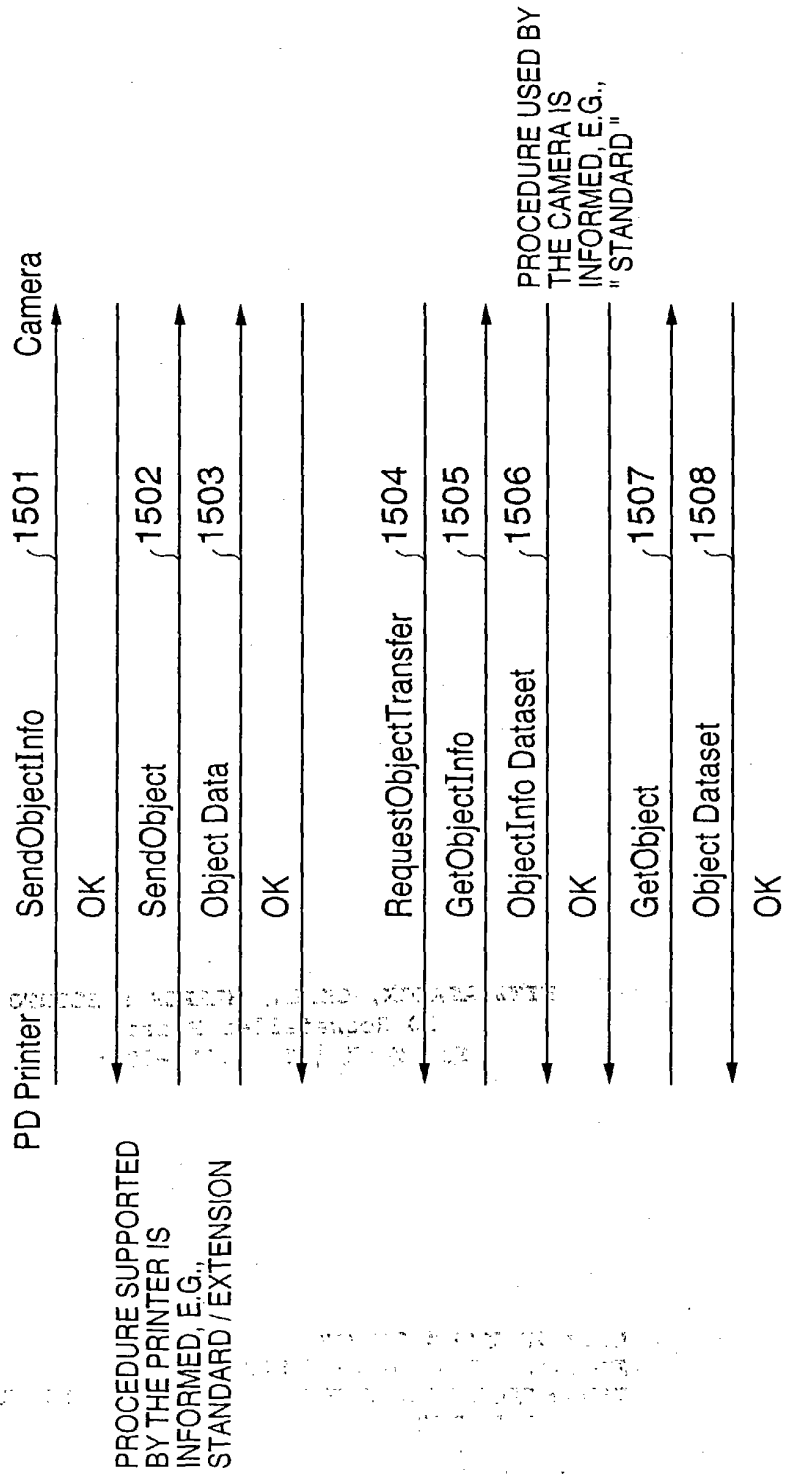


FIG. 18

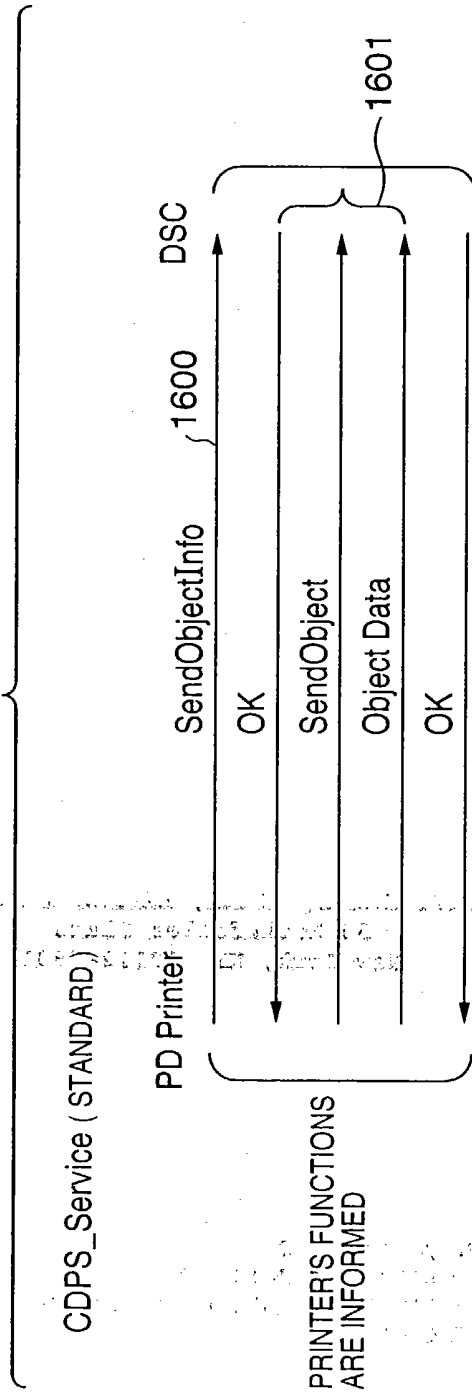
**FIG. 19**

# FIG. 20

CDPS\_Service Discovery ( STANDARD / EXTENSION )

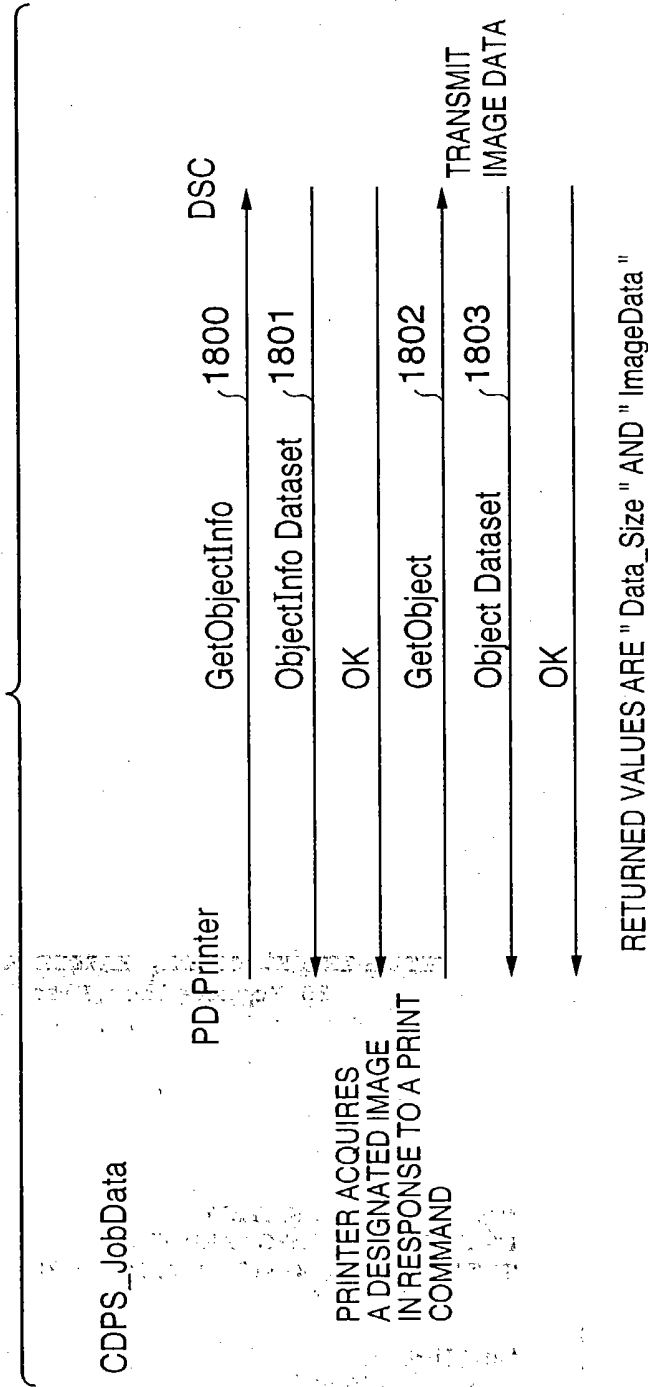


**FIG. 21**



PRINTER'S FUNCTIONS  
ARE INFORMED

FIG. 22



**FIG. 23**

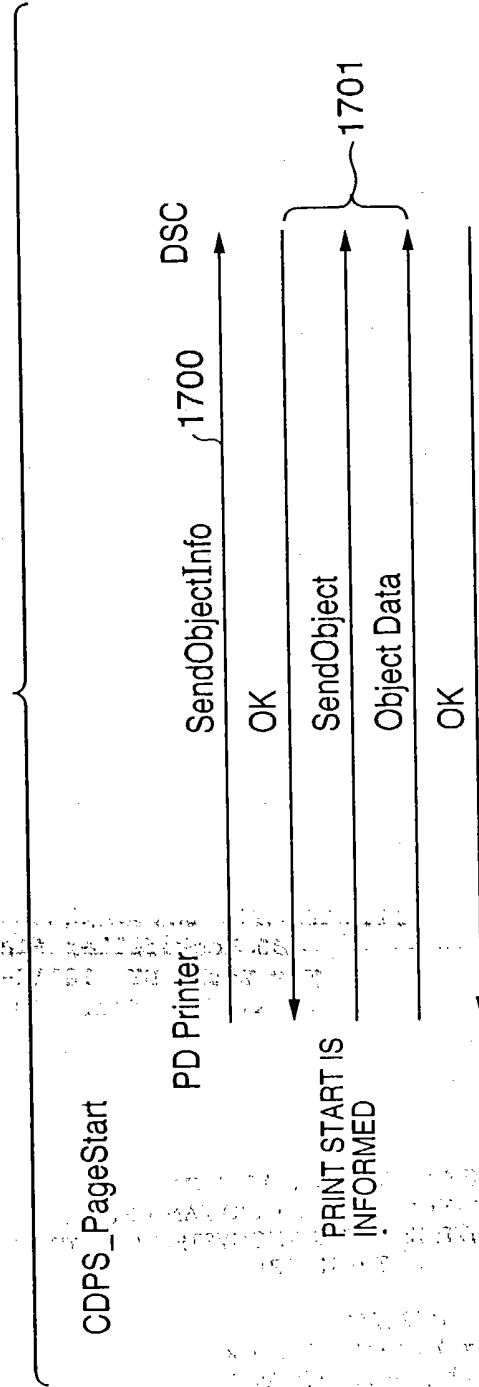


FIG. 24

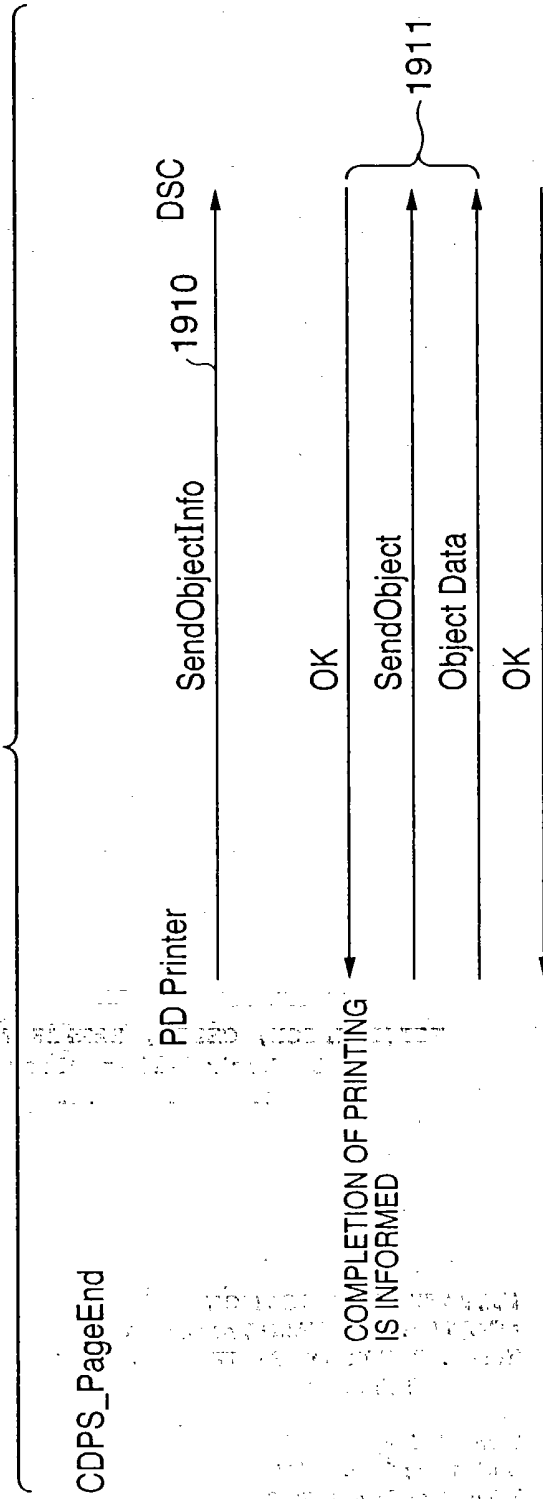




FIG. 25

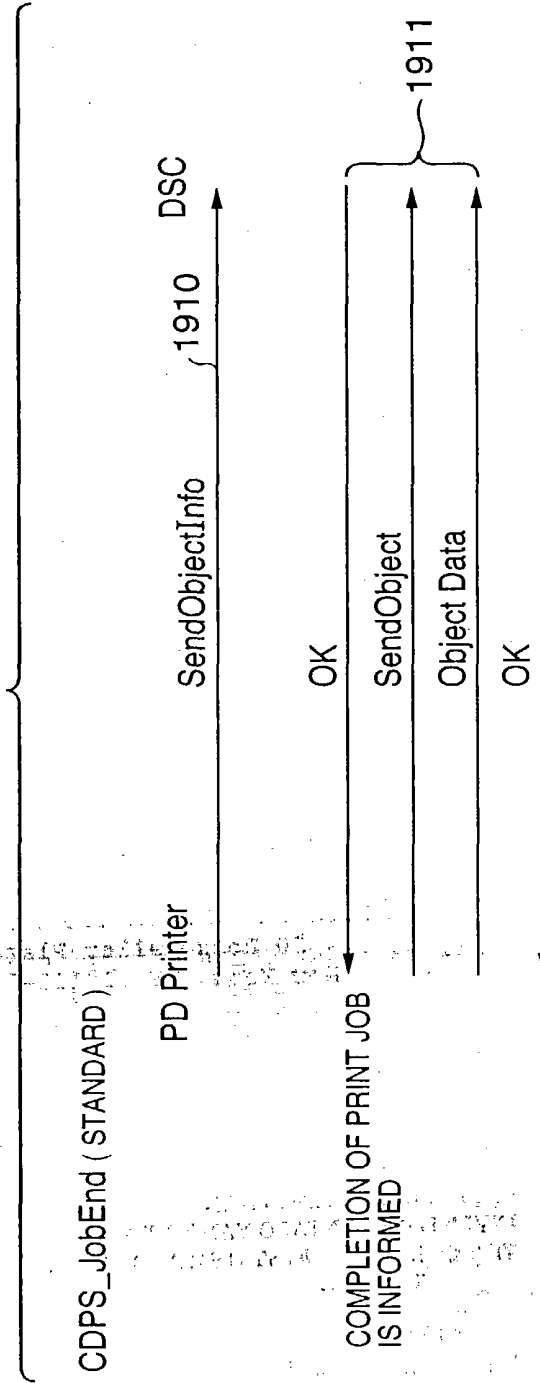


FIG. 26

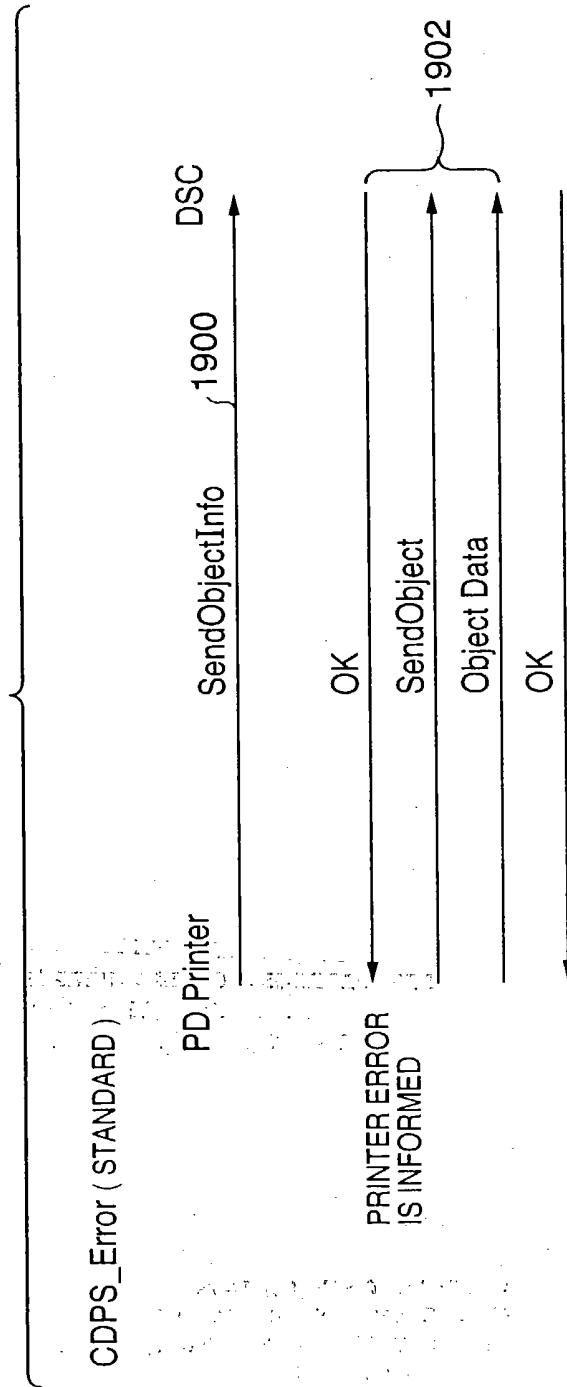


FIG. 27

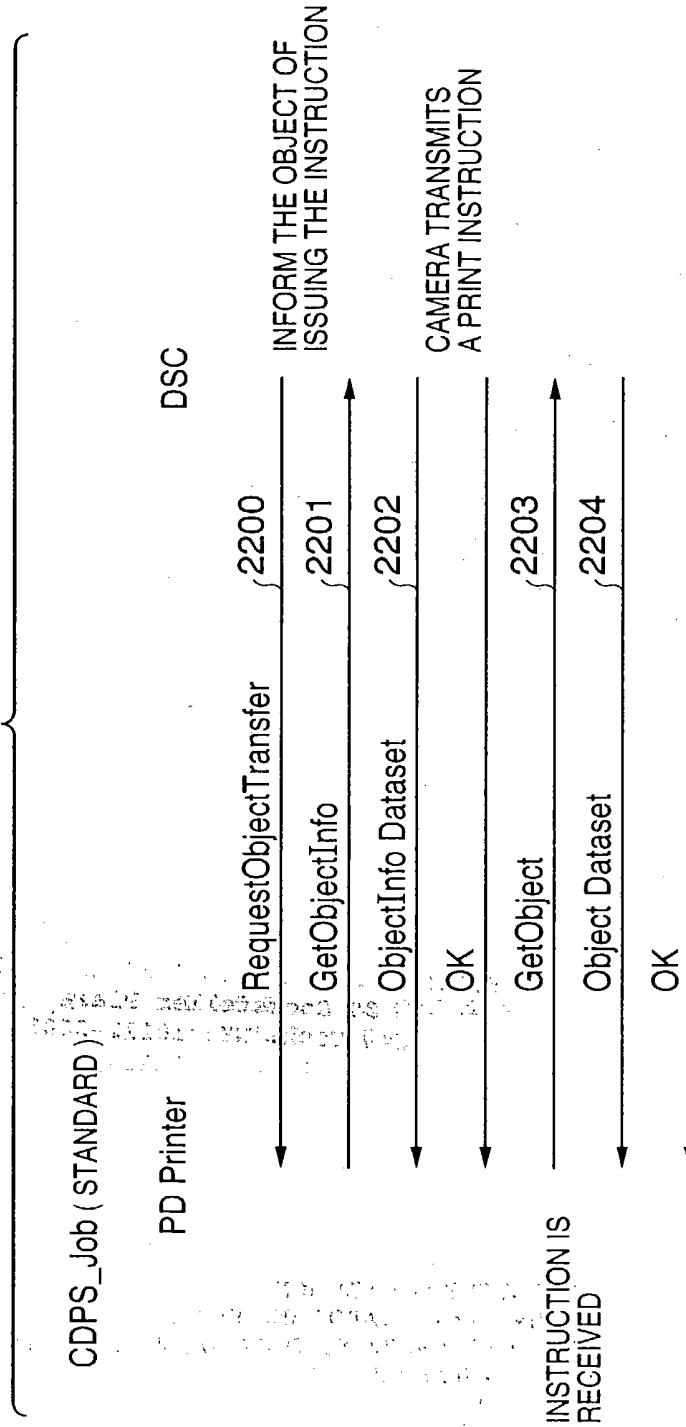


FIG. 28

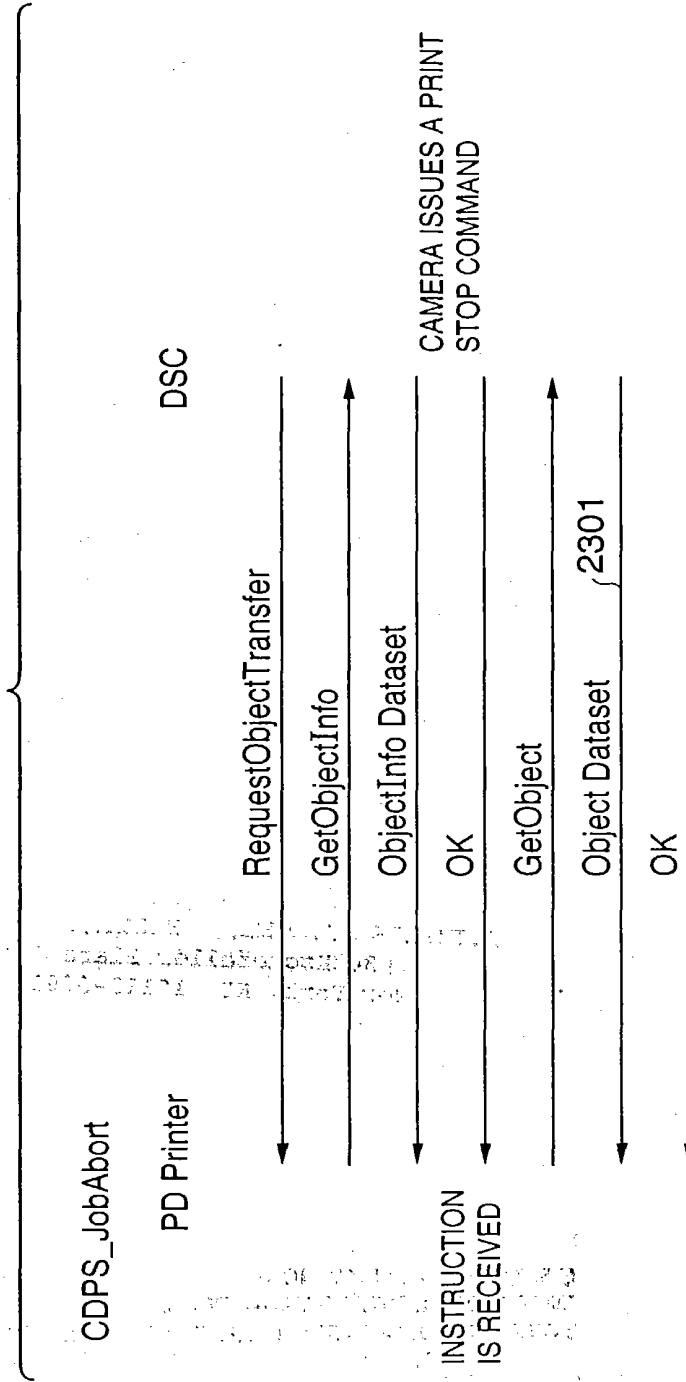


FIG. 29

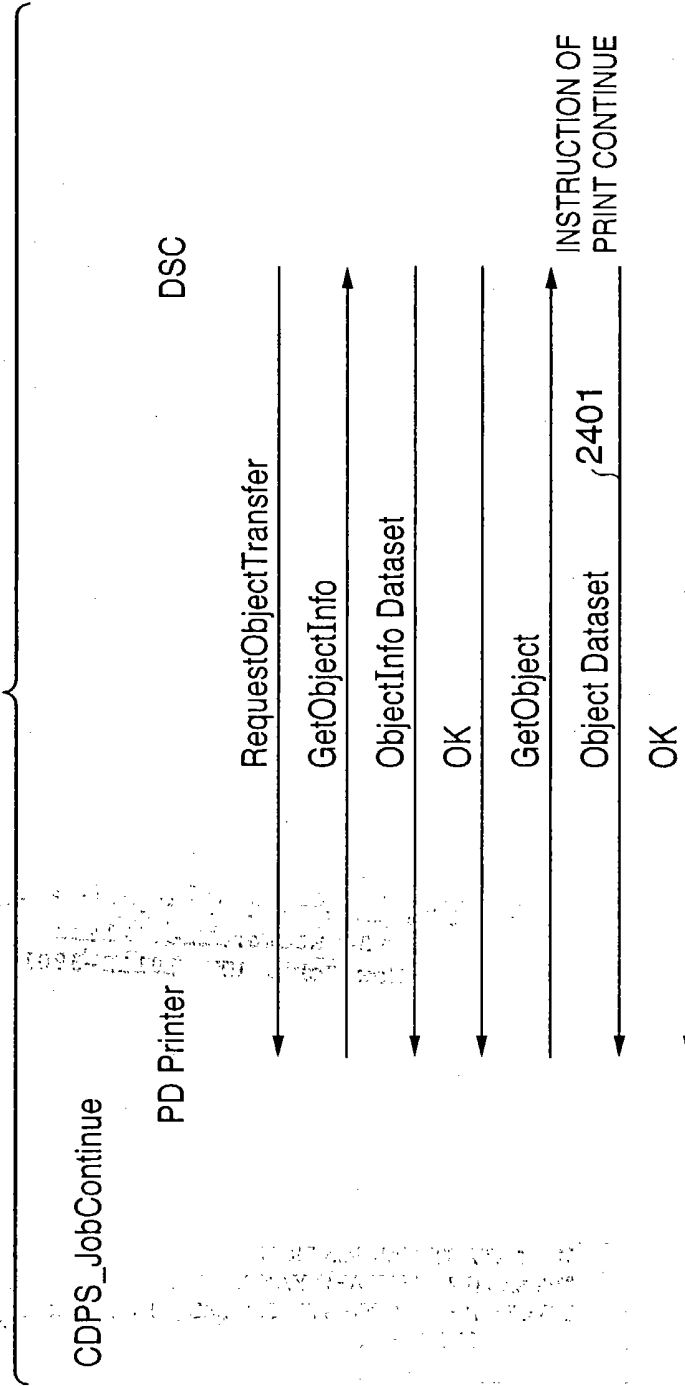
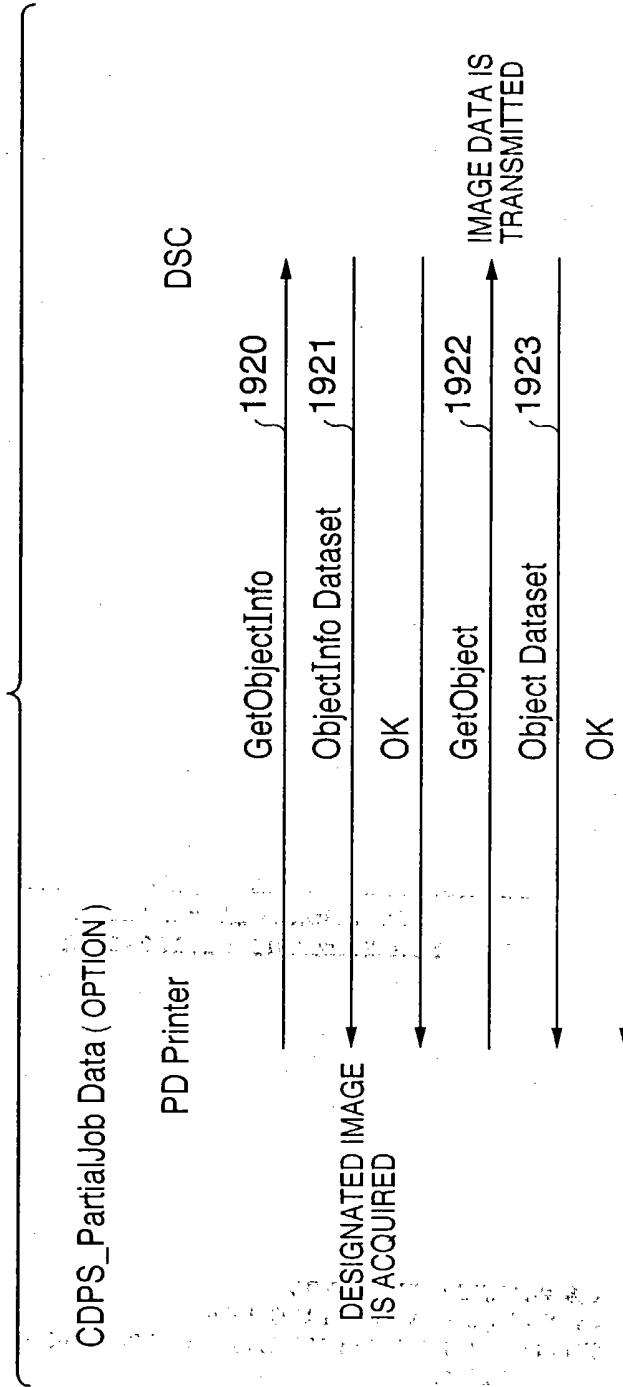
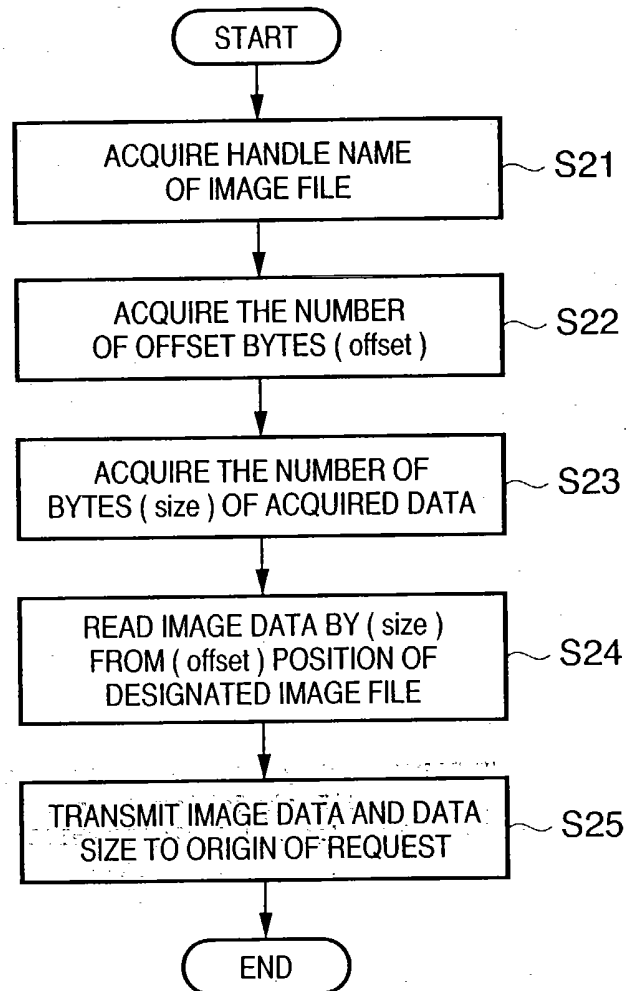


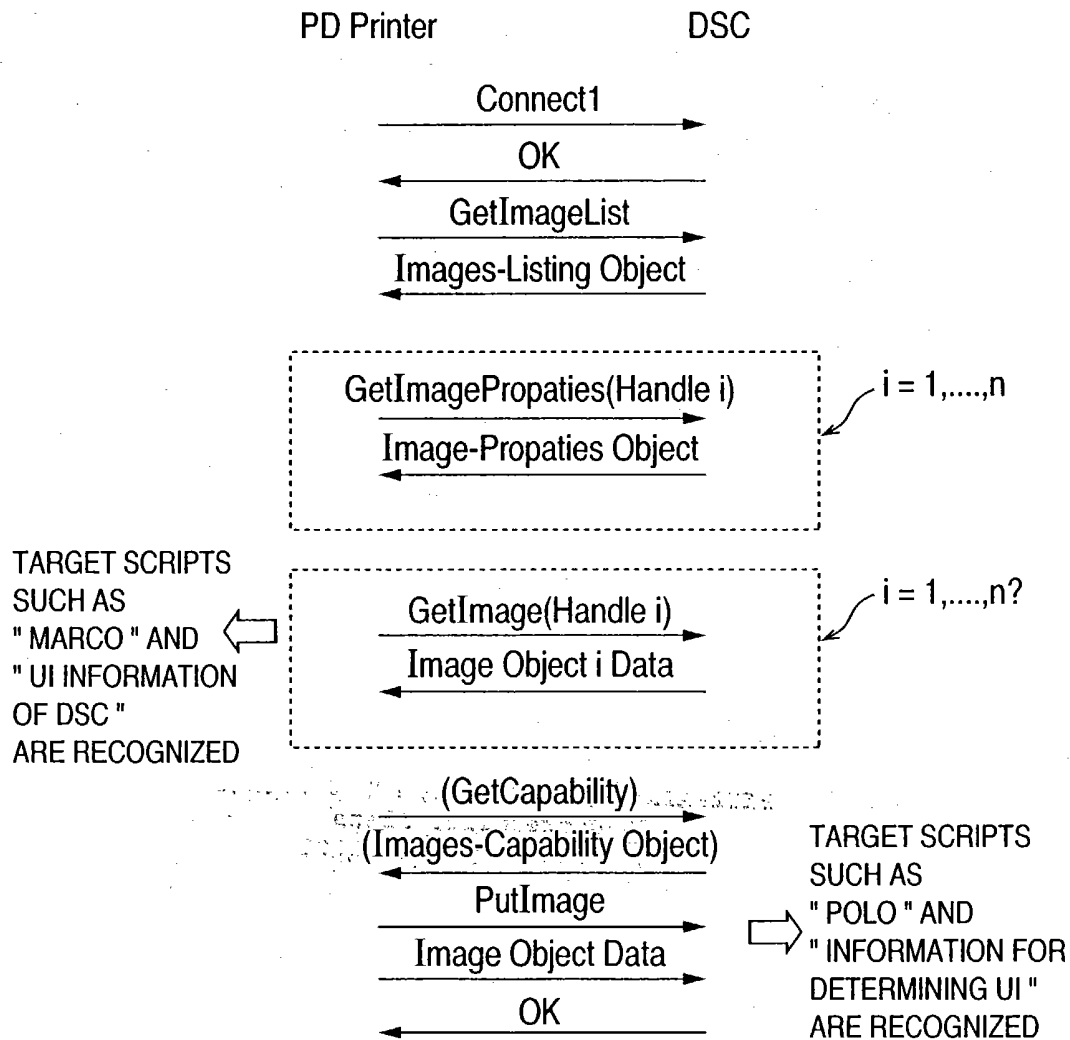
FIG. 30



**FIG. 31**

# FIG. 32

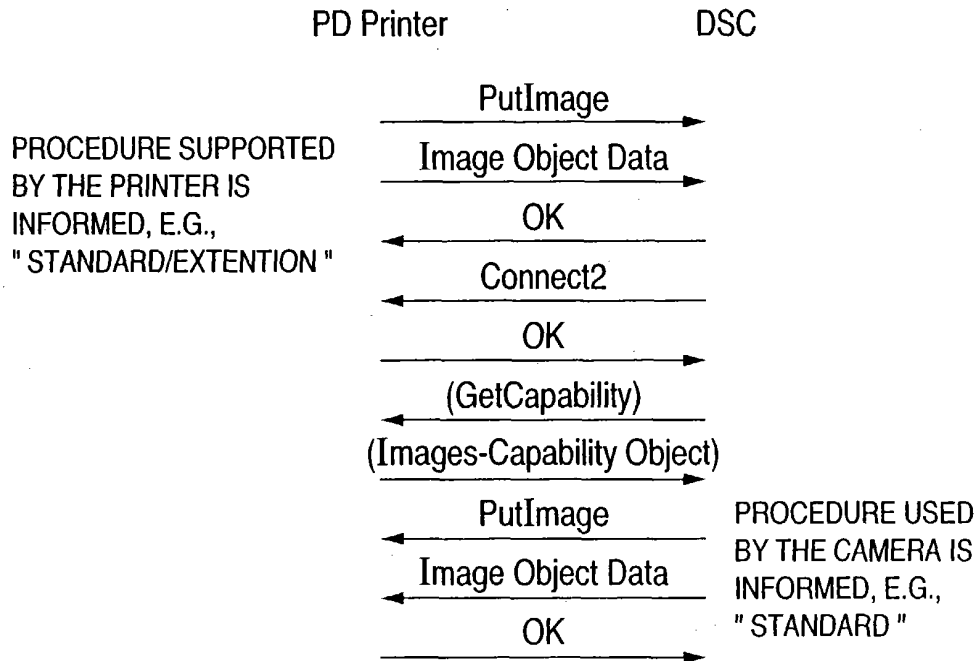
CDPS\_ServiceDiscovery ( Standard /Extend )





# FIG. 33

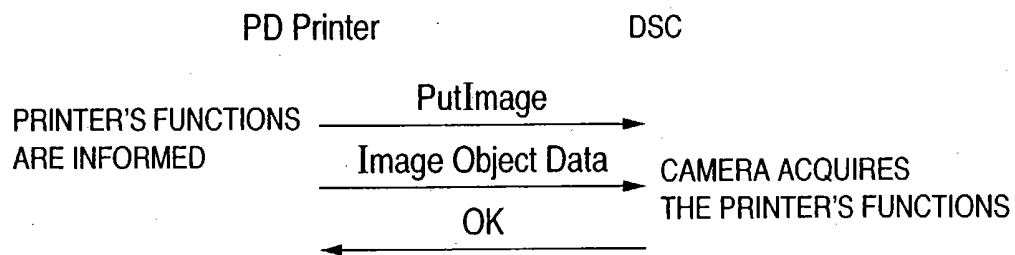
CONTINUATION OF CDPS\_ServiceDiscovery  
( Standard / Extend )



RETURNED VALUE IS  
" STANDARD " OR " EXTENSION "

**FIG. 34**

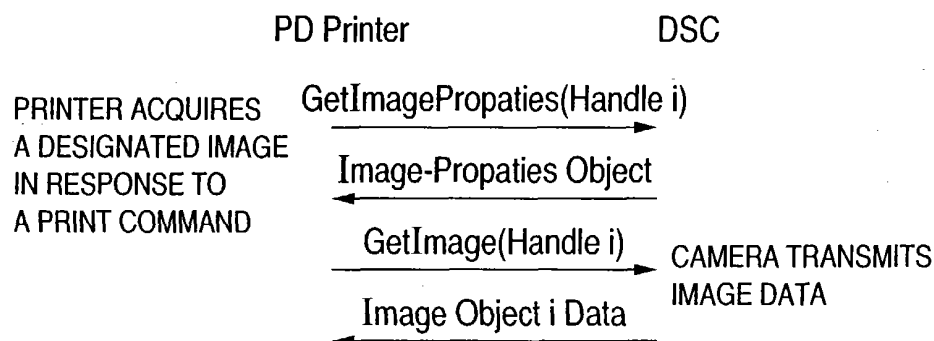
CDPS\_Service ( Standard )



RETURNED VALUE IS " TRUE " OR " FALSE "

# FIG. 35

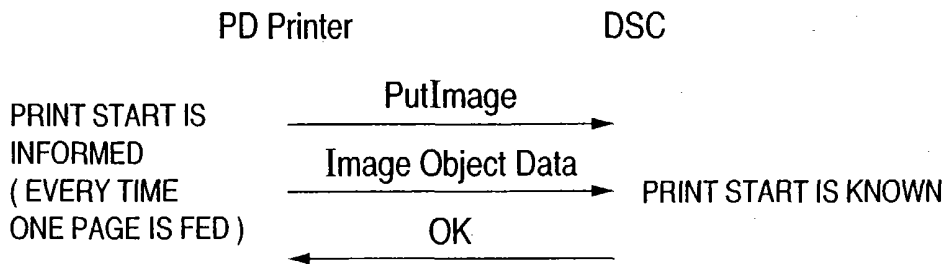
CDPS\_JobData ( Standard )



RETURNED VALUE IS  
" Data Size " OR " Image Data "

# FIG. 36

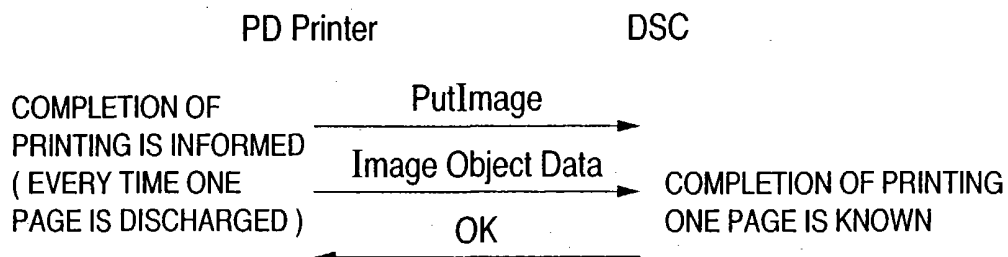
CDPS\_PageStart ( Standard )



RETURNED VALUE IS " TRUE " OR " FALSE "

# FIG. 37

CDPS\_PageEnd ( Standard )



RETURNED VALUE IS " TRUE " OR " FALSE "

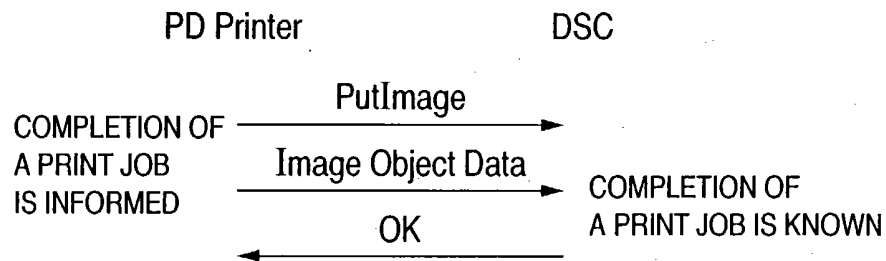
FIGURE 37: CDPS\_PageEnd ( Standard )  
Sequence diagram showing the interaction between PD Printer and DSC.

FIGURE 37: CDPS\_PageEnd ( Standard )  
Sequence diagram showing the interaction between PD Printer and DSC.

FIGURE 37: CDPS\_PageEnd ( Standard )  
Sequence diagram showing the interaction between PD Printer and DSC.

# FIG. 38

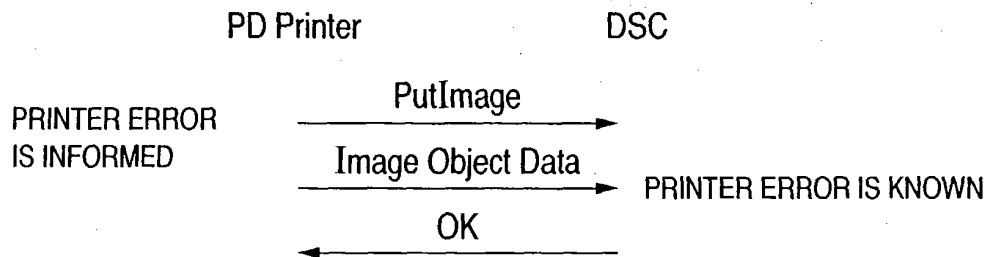
CDPS\_JobEnd ( Standard )



RETURNED VALUE IS " TRUE " OR " FALSE "

**FIG. 39**

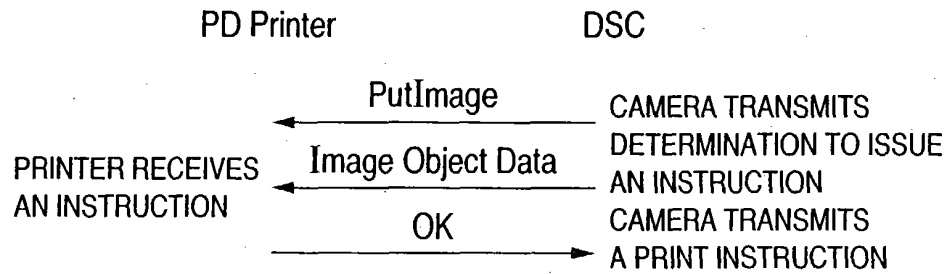
CDPS\_Error ( Standard )



RETURNED VALUE IS " TRUE " OR " FALSE "

# FIG. 40

CDPS\_Job ( Standard )



RETURNED VALUE IS "TRUE" OR "FALSE"

CDPS\_Job ( Standard )

CDPS\_Job ( Standard )

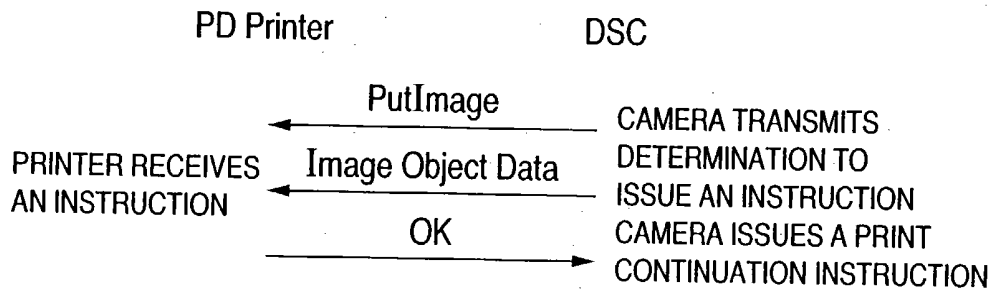
CDPS\_Job ( Standard )



RETURNED VALUE IS " TRUE " OR " FALSE "

**FIG. 42**

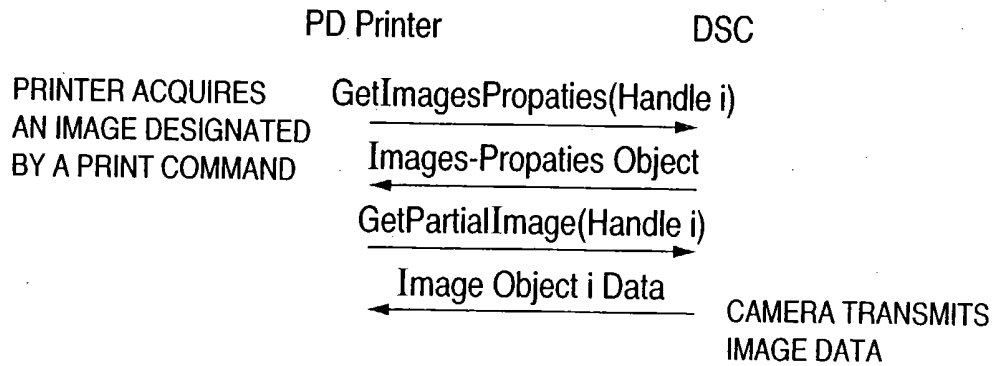
CDPS\_JobContinue ( Standard )



RETURNED VALUE IS " TRUE " OR " FALSE "

# FIG. 43

CDPS\_PartialJobData ( Option )



RETURNED VALUES ARE  
FROM "Data Size" AND "Image Data"

**FIG. 44A**SUPPORTED LEVELS  
BY OPERATION CONTROLLER

4	Use DSC's
3	Viewer & Button
2	Button
1	Minimum
0	No Support

**FIG. 44B**SUPPORTED LEVELS  
BY STORAGE CONTROLLER

4	Use DSC's
3	Handle
2	File System
1	Physical Access
0	No Support

**FIG. 44C**SUPPORTED LEVELS  
BY PRINT CONTROLLER

4	Use DSC's
3	Rendering
2	Halftoning
1	Encoding
0	No Support